



Photograph referenced on page 15

BAYLEY

STEEL WINDOWS
• STEEL DOORS •
AND OPERATORS

THE WILLIAM BAYLEY CO.

SPRINGFIELD, OHIO

FOUNDED 1881

This Generation in management and the men of today's organization, while mindful of 54 years background, use this inspiration and experience to make better windows, doors and operators. Bayley patents, many of them recent, forecast continued undisputed leadership.

Steel, wrought iron, bronze and aluminum are extensively used.

The basic features in products are built around fundamentals that prompt the most advanced methods in mechanical jointing, riveting, welding, pressing and finishing. Bayley windows are of many kinds for all buildings. All are of materials, design, finish and workmanship best suited to necessities of service and they group as follows:

SERIES 30 PRODUCTS have two flat face parallel-to-glass contacts around ventilators. These casement sections classify as intermediate but have unusual oversize depth of $1\frac{5}{8}$ ". They are available in steel, bronze, and aluminum. Workmanship, trim, and finish in Series 30 products are Bayley's best. Pages 2-7 inclusive.

DETENTION AND PROTECTION WINDOWS in superbar, intermediate, and industrial weights. The first two have Series 30 casements superimposed on the guard. Ventilators may operate through the guard in less rigid work. All told 6 kinds. Many standards and special sizes. Ventilators are screened. All detention windows available in mild steel super bar can also be reinforced with steel of tool resisting non-annealable qualities.

PIVOTED WINDOWS SCREENED an exclusive Bayley development, giving complete insect protection. Two grades in steel and wrought iron. Pages 12-13.

PIVOTED WINDOWS a basic product. Available in steel, wrought iron and aluminum. Pages 9-11 inclusive.

PROJECTED WINDOWS COMMERCIAL available in steel, wrought iron and aluminum. Page 14.

PROJECTED WINDOWS ARCHITECTURAL for better buildings and large dollar value. A bargain product in steel. Page 15.

MECHANICAL OPERATORS formerly manufactured by The Metallic Sash Operator Company of St. Louis recently acquired outright by Bayley and now manufactured at Springfield, Ohio. Offered with or without window products.

SCREENS an integral part of all products that require them are manufactured by Bayley.

UTILITY AND BASEMENT WINDOWS always priced low in relation to weight and value. Available in steel and wrought iron.

ECONOMY INSERTS are nailed to jamb and head forms before concrete is poured and become imbedded to provide a mastic seal for any metal window. An exclusive Bayley development. Page 8.

CONTINUOUS WINDOWS AND OPERATORS in 3, 4, 5, and 6 foot heights for monitors and saw-tooth roof construction. Pages 16-17.

DOORS. Hinged, sliding, rolling and overhead in steel. **UTILITY** for inside use. **INDUSTRIAL** for general service. **TUBULAR** to withstand roughest treatment. **TUBULAR** or **STRUCTURAL** for airplane hangars and largest openings. **LOCKS** manufactured by Bayley are most reliable for heavy duty. Pages 18-19.

INSTALLATION INSTRUCTIONS—are included in Box No. {1}. Bayley maintains a nationwide erection organization and recommends its employment.

BAYLEY CASEMENTS SERIES 30

Steel, Bronze and Aluminum

RECOMMENDED FOR LIVING PURPOSE, OFFICE AND MONUMENTAL BUILDINGS

SECTIONS are of new billet hot rolled when of steel and extruded when of bronze or aluminum. Classification intermediate. Depth $1\frac{5}{8}$ ". Minimum thickness $\frac{1}{8}$ ". Process straightened and made with flat surface contacts parallel-to-glass and with provision for outside glazing.

SHOP PRACTICE includes the use of only carefully selected materials, most accurate machining and fitting, and corners of units of ventilators and of openings for ventilators butt welded and surface ground. Finish is one coat of gray paint.

HARDWARE includes extended hinges of steel to provide arm room for outside washing. They are welded to casements and have solid bronze collar pivots. Underscreen casement operator is of the rotary type with bronze operating handle and bronze locking handle, in statuary bronze finish. Bronze friction adjuster of the concealed type, and lever handles are standard where screens are not required. For inswing see illustrations. Standard hardware is solid bronze.

SCREENS of Bayley manufacture are long life and rigid. Frames of steel or bronze.

SERIES 30 INSWING—Screened

Bayley's exclusive Sir Christopher is far more than just one steel window of a numbered series. American in design and manufacture. Free from entanglement of the past. Unusual features of layout, quality, convenience and efficiency are individual and distinctive.

Vertical casements opening flat against fixed glass, outside washing from inside, fixed side lights for draperies, life safety because of difficult egress through narrow ventilator spaces, screens with steel or bronze frames hinged and to lock, supplement other features of

this draft control easily operated window.

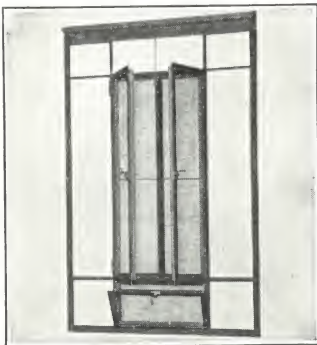
SERIES 30 COMBINATION—Screened

Incorporated in this steel window is a sill line inswinging casement similar to that of Sir Christopher. The vertical casements, however, swing out. The fixed portions also offer drapery spaces.

Hardware for the outswinging parts is through the sill and screens for these openings are on the inside. In construction and material these screens duplicate those of Sir Christopher, are Bayley made and an integral part of the window.

For those not desiring the complete inswing, but whose require-

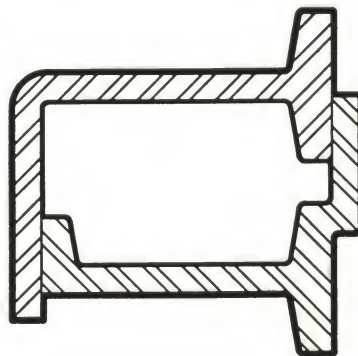
ments fall within limited layouts, this window is recommended above all other casement windows.



Casement Inswinging



Bronze Handles
351A & 381A



CASEMENT SECTIONS
Full Size

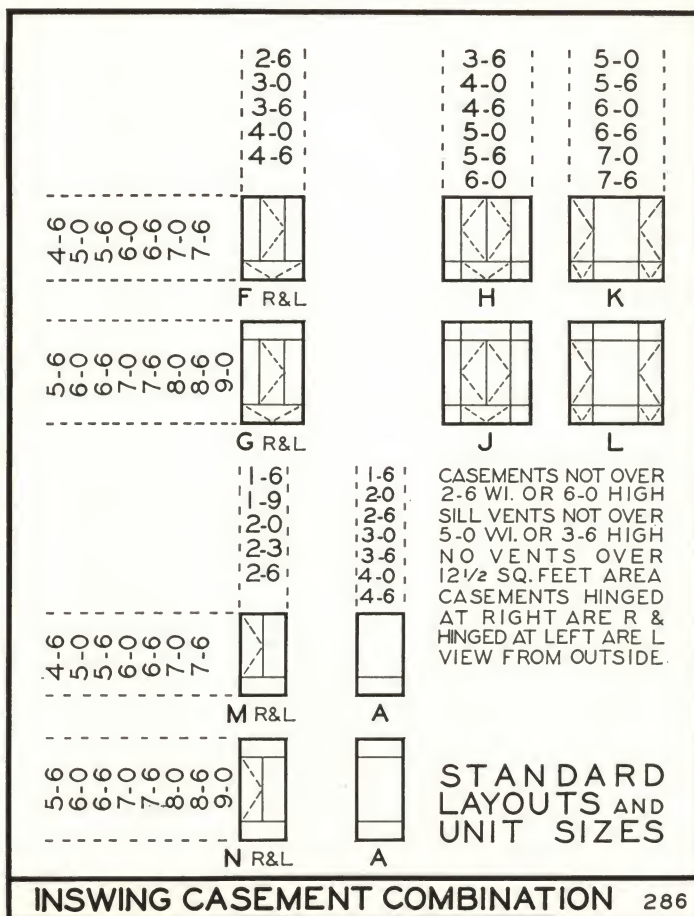
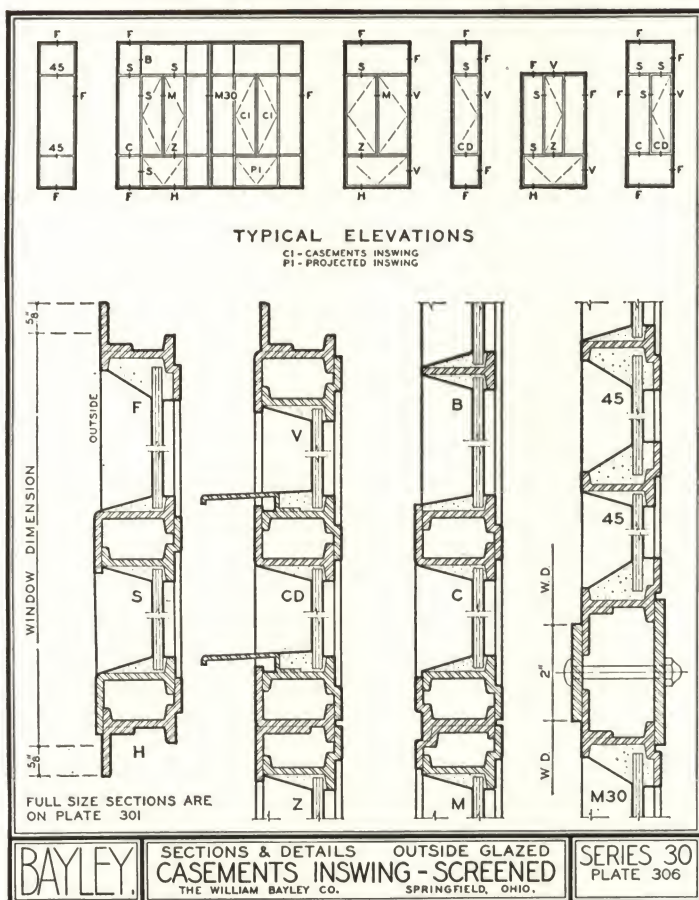


Bronze Handle
H70

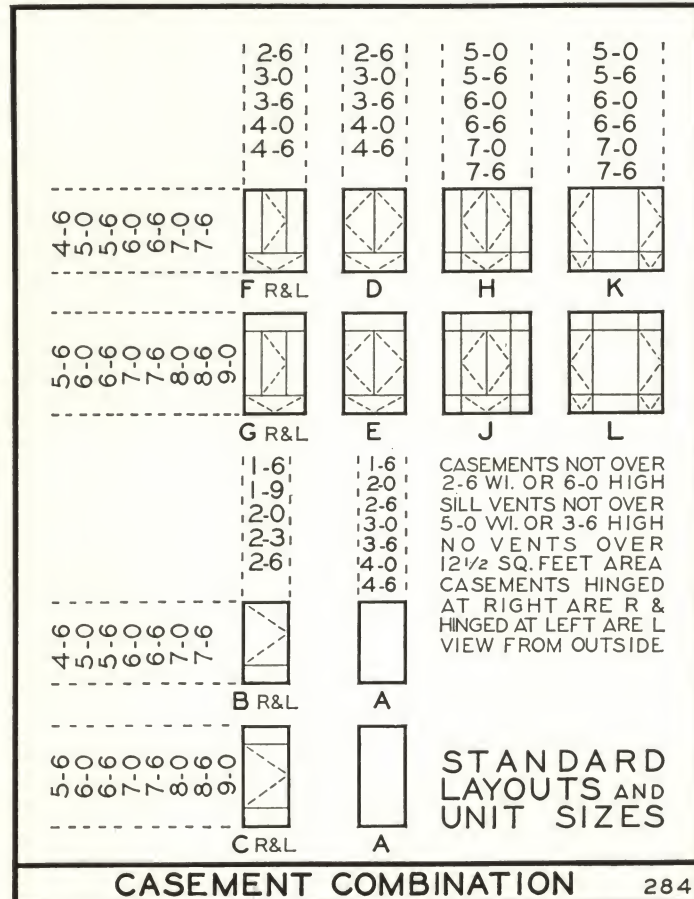
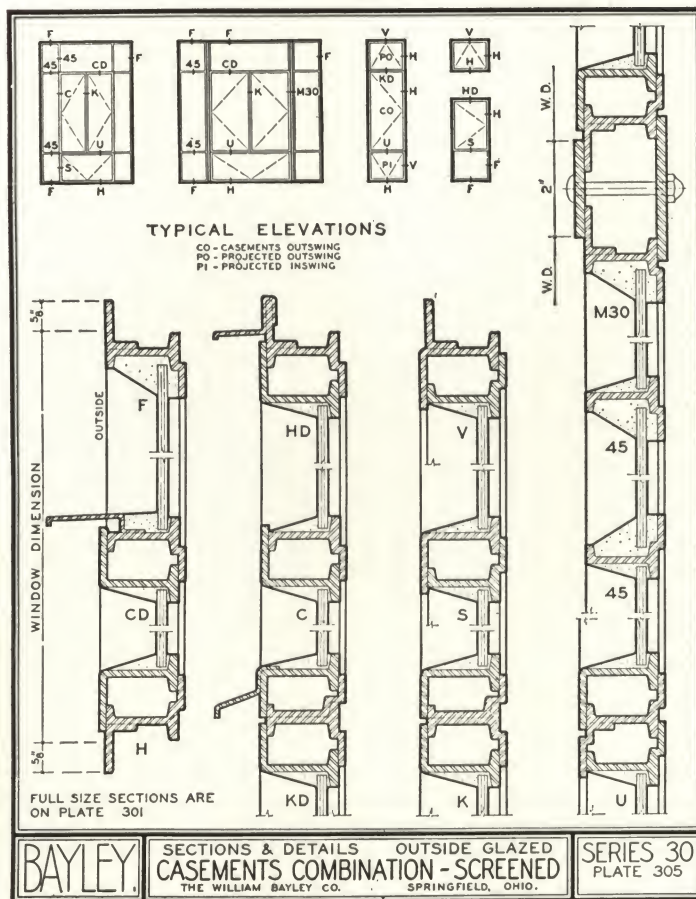


Casement Combination

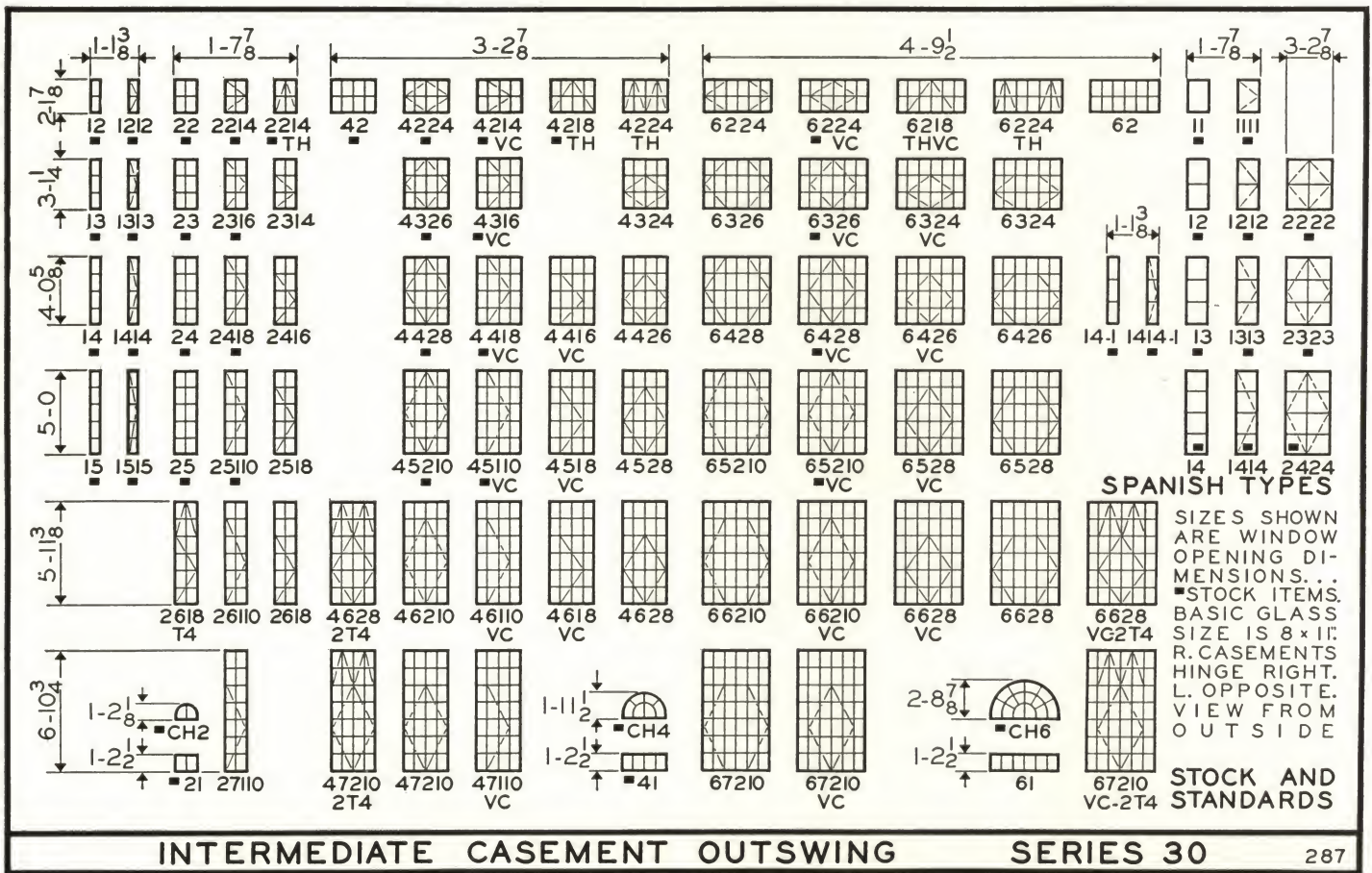
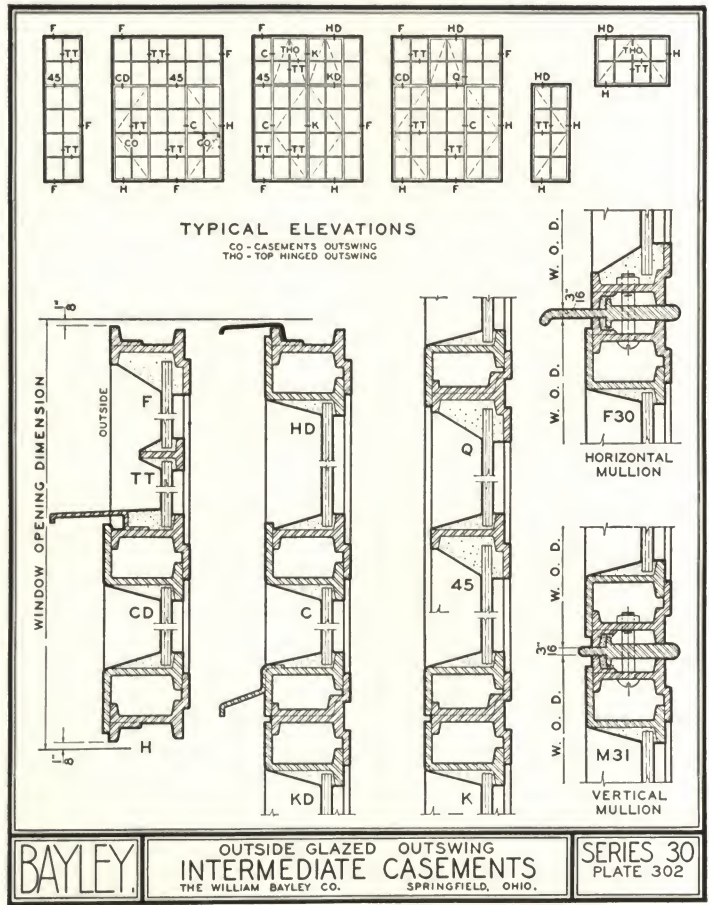
SERIES 30 CASEMENTS INSWINGING—Screened



SERIES 30 CASEMENTS COMBINATION—Screened



Screens flat and on the inside are removable and can be replaced with a panel of glass for insulation against outside temperatures and where air conditioning is employed.



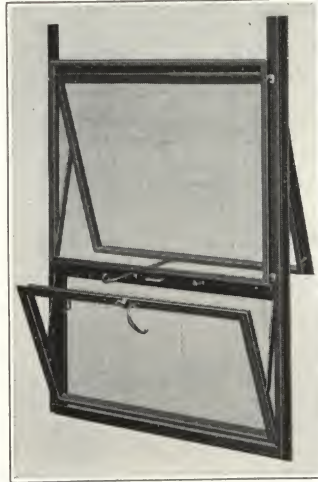
SERIES 30 CASEMENTS
PROJECTED — *Screened*

Ventilators to move out and down, and in and up, are a domestic development. These movements insure unusual service and weathering, especially for casements of Series 30 sections and in combination with the Bayley developed adjustable friction arms and shoes. Series 30 steel contact sections 1 5/8" deep, and the originality they express meet all the conditions of casements of this kind. Corners are welded and ground as in outswinging. Page 4.

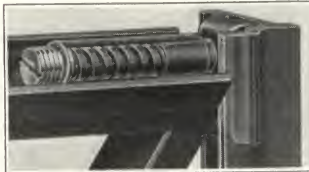
Supporting arms are heavy and arranged to hold casements firmly. The sliding friction pivot shoes are of bronze machined and are adjustable. They top the list in casement hardware.

Projected out ventilators have screens inside and bronze through-screen operator H87. Projected in ventilators have screens outside and bronze handle H81.

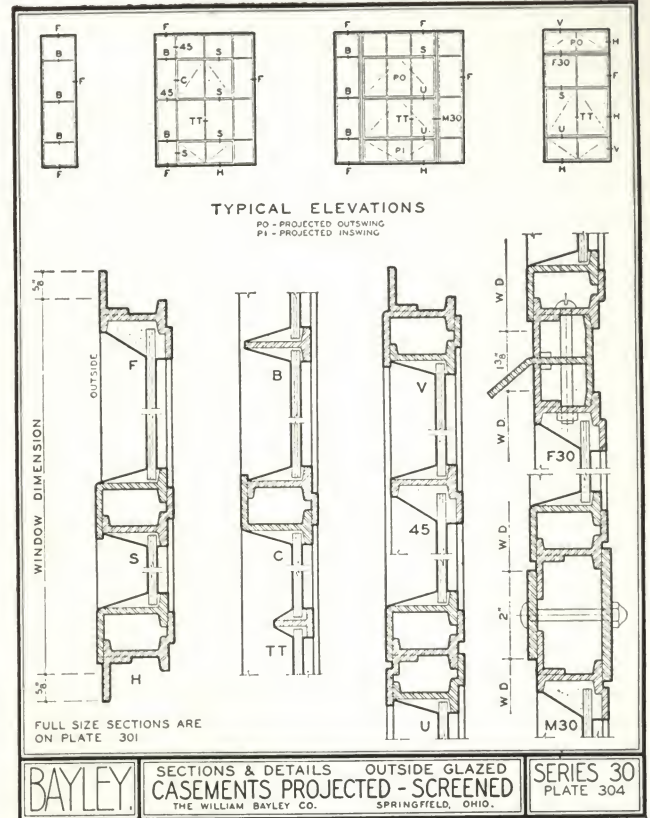
SLIDING FRICTION PIVOT
welded to projected "out" and "in"
ventilators. Constant friction is main-
tained by heavy helical spring and
machined adjusting screw. Working
parts protected against paint and dirt.



**Projected Out Ventilator.
Screen Inside.
Through screen operator H 87.**



Projected In Ventilator.
Screen Outside. Handle H 81.

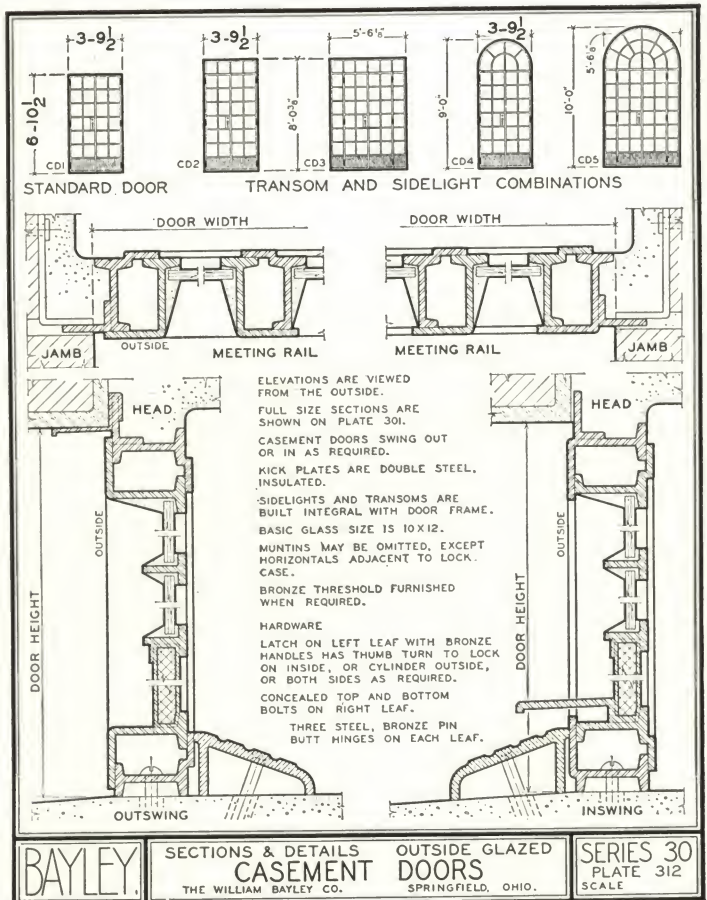


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2'-6	2'-6	5'-0	5'-0
3'-0	3'-0	5'-6	5'-6
3'-6	3'-6	6'-0	6'-0
4'-0	4'-0	6'-6	6'-6
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VENTILATORS ARE
NOT TO EXCEED
5 FEET WIDE OR
4 FEET HIGH OR
12 SQ. FEET AREA

STANDARD SIZES

CASEMENT PROJECTED 285



BAYLEY GUARD WINDOWS—*Screened*

bring together in a single unit both the window and the guard. Another Bayley development universally accepted. The first move in generations to let more light into prisons, atmosphere is purified, and wardens notice that more daylight, better ventilation, and freedom from cage-like appearing windows favorably affects confined persons. This freedom from a shameful past also has architectural merit.

For maximum and medium detention, Bayley offers three treatments as follows:

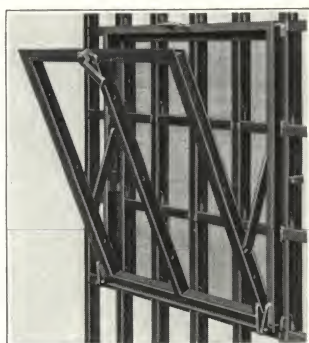
(a) The guard portion of Bayley super bar tool resisting and non-annealable steel {see second paragraph following}.

(b) The guard portion of Bayley super bar mild steel.

(c) The guard portion of Bayley intermediate bar mild steel.

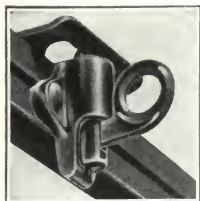
All three products have horizontal and vertical muntins continuous

All three products have horizontal and vertical muntins continuous
{Continued on page 7}

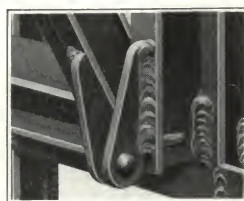


Assembly Showing Guard, Screen and Ventilator Welded Combination

Hinges, arms and hardware are heavy in keeping with this product.



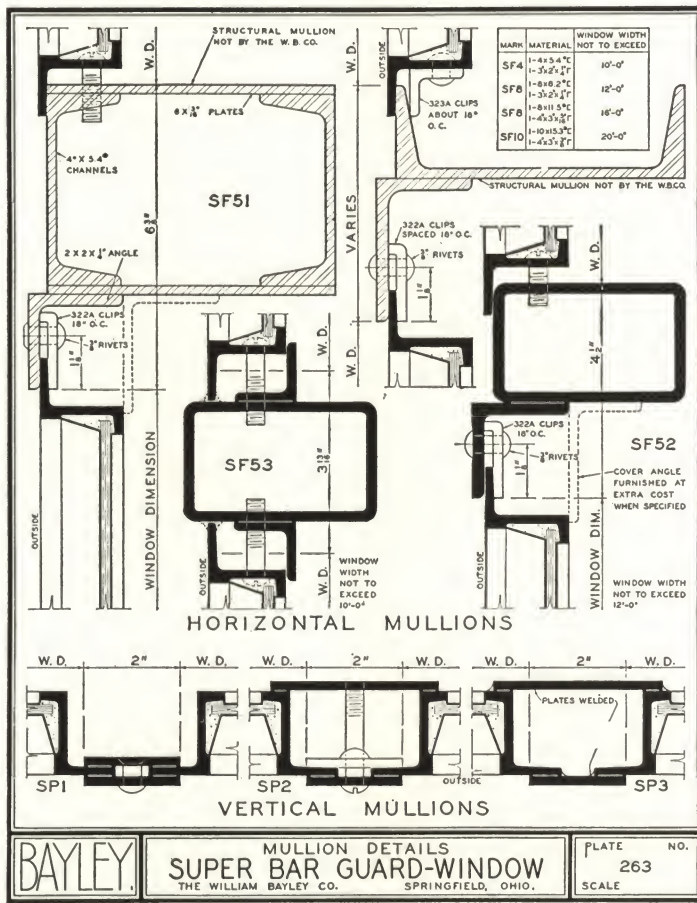
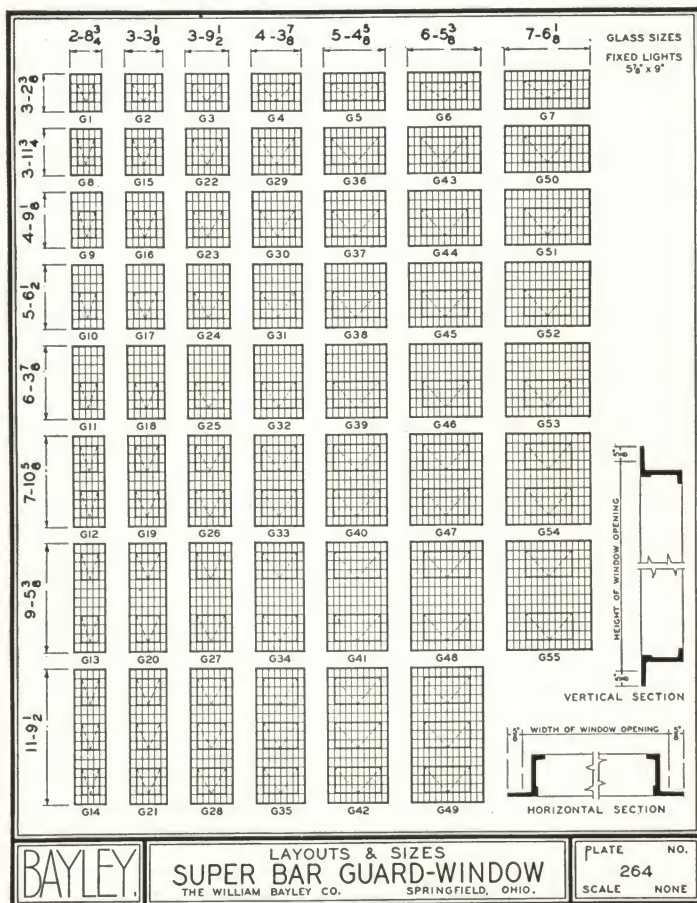
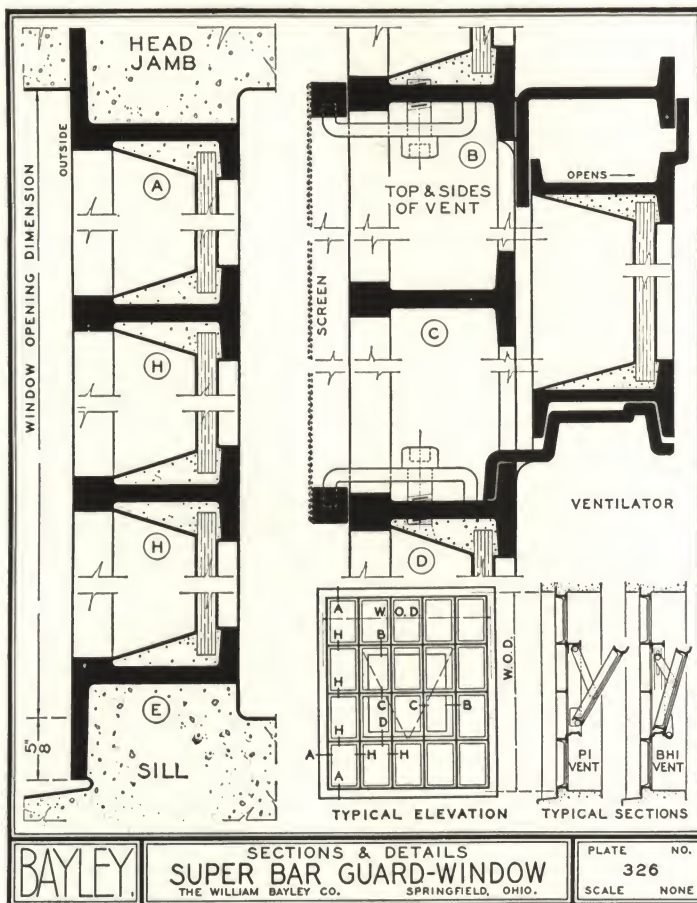
Spring Catch H 106



Hinge Welded to Frame



Cam H 82



BAYLEY GUARD WINDOWS—Screened

from jamb to jamb and from head to sill. The ends of bars and intersections are mechanically fitted, riveted, and deep welded.

Bayley offers tool-resisting qualities put into super bars but recommends instead reinforcing with continuous non-machined horizontal and vertical square and flat non-annealable steel bars run through and welded to mild steel super bars. Bayley construction conceals such reinforcing while the increased weight and section area increases resistance against mob rushes and gives additional resistance to withstand twisting strains. Windows so reinforced with tool-resisting steel merit a detention rating of maximum plus.



Unit Showing Ventilator and Screens

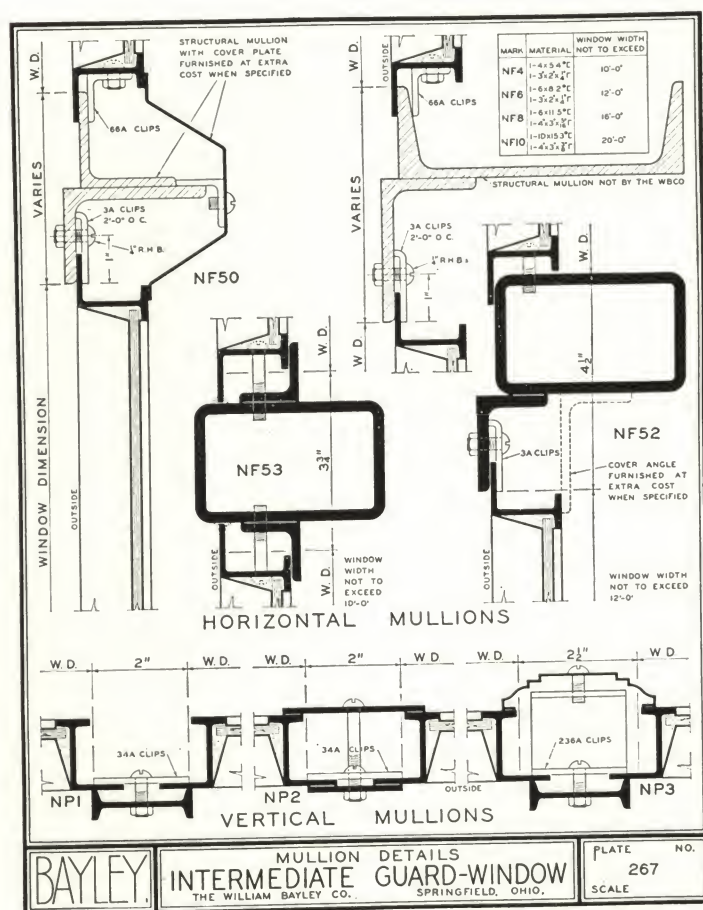
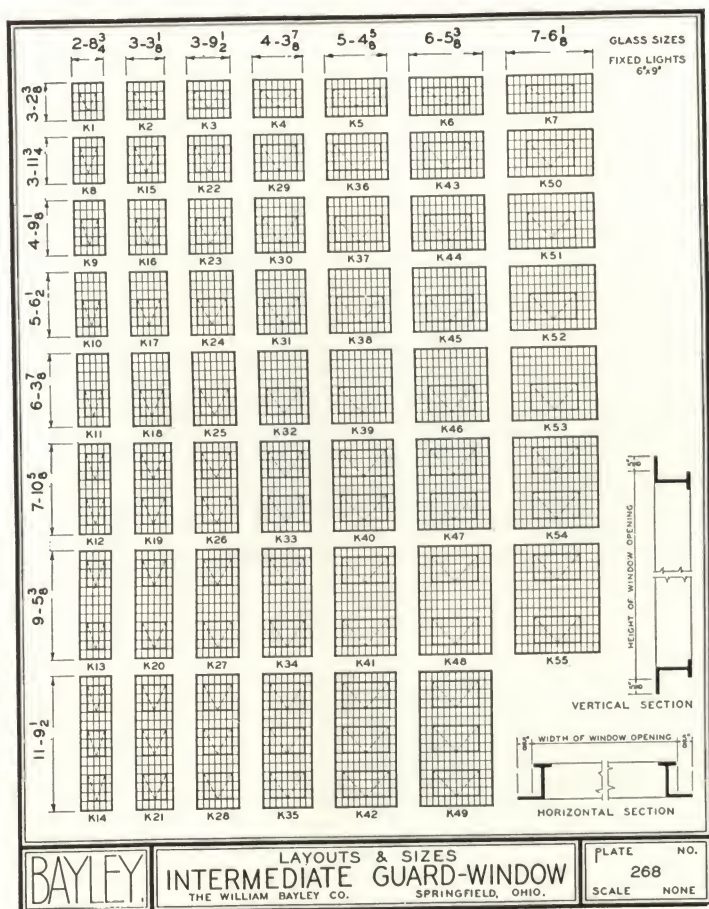
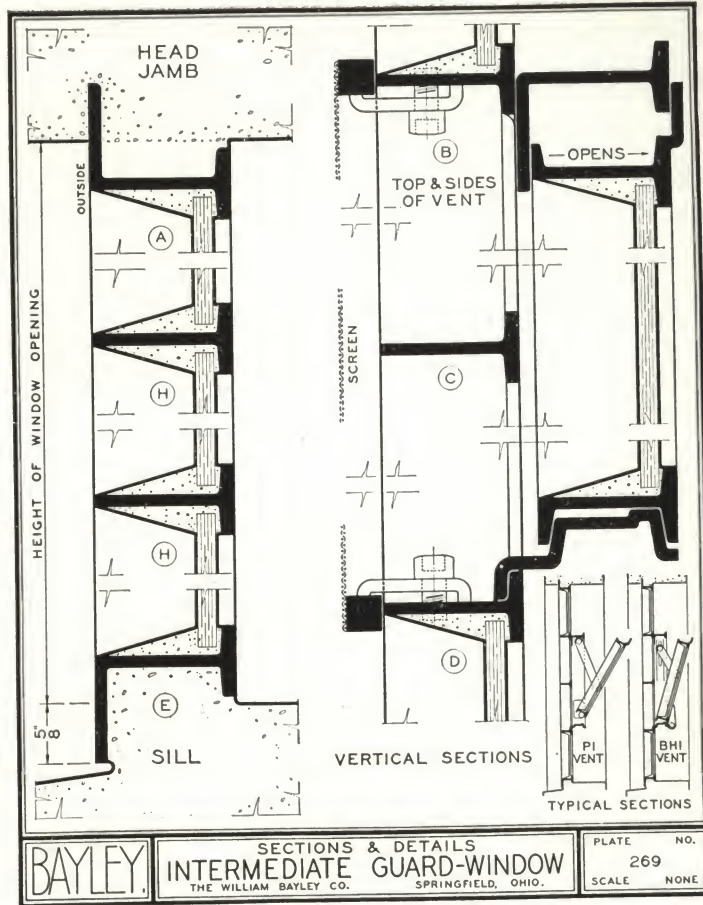
Ventilators superimposed on the inside of the guard are the same for all three products. They are casements of Series 30 sections 1 5/8" deep with double flat contacts parallel to glass face.

Heavy hinges liberally welded at bottom corners are standard and more rigid than a substitution of projected ventilator mechanism.

Heavy side friction stays 1" x 1/4" fold within the weathering. Such size and weight is the minimum essential for rough prison usage. Heavy pressed steel catch or cast cam also manufactured by Bayley is in harmony with these prison products.

Screens with solid steel frames butt welded at corners are placed outside of the guard or between guard and casement. The latter is recommended.

Bayley men trained in prison and detention hospital window problems will advise with architects, wardens and managing boards. Such service is without obligation and of most value when rendered early. It is reasonable to believe those who have conceived such an advanced thought as expressed in guard window construction, developed it and established its merit before the public at large, are best qualified to perform dependable assistance when buildings for detention are being planned.



BAYLEY SECURITY WINDOWS—Screened

usually placed in buildings for protection from the outside.

A stock product in steel recommended for reasonable protection with economy. Do not use this window for detention.

The grille of industrial sections 1½" deep and Bayley exclusive interlocked joints guarantee better protection from outside entrance than those of less depth and less effective jointing. Glass base 5⅜" x 18".

Ventilators are large superimposed, hinge at bottom, swing in. This Bayley standard in place of projected ventilator mechanism is better protection.

Screens with solid frames drop into position between grille and ventilator. An exclusive feature.



Security Window. Applied ventilator inside. Screen between ventilator and grille.

BAYLEY PROTECTION WINDOWS—Screened

another steel product of industrial sections for protection. The grille portion, except for double the number of horizontal muntins, duplicates that of the security window. Smaller ventilators hinge in. Both features increase appearance and protection values.

Not intended for detention, even though glass base 6" x 9", arrangement of members in grills and ventilator appear similar to guard windows. Pages 6-7.

BAYLEY INDUSTRIAL DETENTION WINDOWS

of steel with or without screening features, is in construction the horizontal pivoted window, "pages 9-10-11," with glass base 6" x 9". Ventilators operate through the unit and can be of the center pivoted screened kind. Pages 12-13.

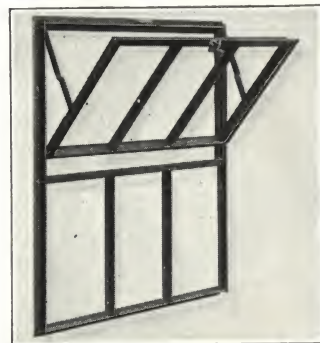
This product was used before Bayley developed guard windows (pages 6-7). Therefore, the name and offering for detention. As a product it is no stronger than the protection window above. Its use, if for detention, should be limited to where requirements are very minimum, behind prison walls where supervision is rigid and confined persons lack opportunity to work upon the windows.

BAYLEY UTILITY WINDOWS

32131

SPECIFICATIONS
 Bayley Rolled Sections.
 Ventilator: projected, open in.
 Ventilator hardware: iron catch.
 Putty glazing inside.
 Mullions, 2" wide, extend 2" into sill.

UTILITY WINDOWS 238

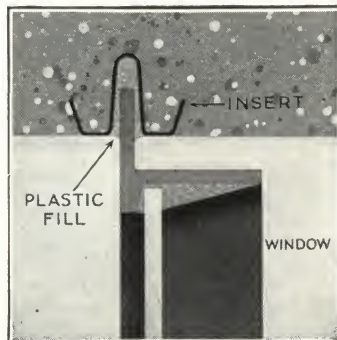


Are companion products to pivoted and projected windows. In stock of steel. Wrought iron on special order. Ventilators project in. Sections 1½" and 1⅝" deep. Iron catch hardware standard. Used on lot lines or where outside projections are objectionable. This product may be screened with Bayley screens.

BAYLEY STEEL WINDOW INSERTS

for buildings of concrete construction and finish, or of concrete frame faced with brick. Inserts are of galvanized rust resisting armco ingot iron providing recesses in jambs and heads of openings for steel windows. They nail to the forms. Recesses are filled with natural colored mastic. Requires no additional caulking.

Window erection at any temperature, glazing follows immediately. General construction speeded up.



Insert, concrete and window.

SPECIFICATIONS—
 Main Frame & Muntins - Rolled Sections 1½" deep.
 Vertical muntins spaced approximately 6"; horizontals, 18".
 Ventilator & Frame, Head & Jamb 1½" deep.
 Ventilators: Superimposed inside; bottom hinged, open in; double contact.
 Ventilator hardware: steel catch & friction limit arms.
 Putty glazing inside.

GLASS SIZES—
 Fixed lights in Main Frame: 5⅜" x 18".
 Lights in Ventilators:
 A - 11⅜" x 17⅜" C - 11⅜" x 16⅜"
 B - 12" x 17⅜" D - 12" x 16⅜"
 Heavy lines within ventilators indicate ventilator muntins.

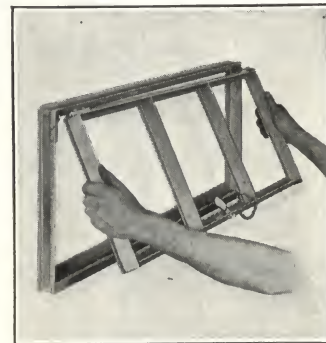
VERTICAL SECTION **HORIZONTAL SECTION**

SECURITY WINDOWS 270

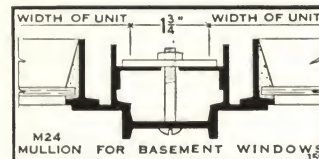
BAYLEY BASEMENT WINDOWS

SPECIFICATIONS
 Bayley Rolled Sections. Putty glazing inside.
 Ventilator: removable; top hinged, open in.
 Ventilator hardware: attached, steel.

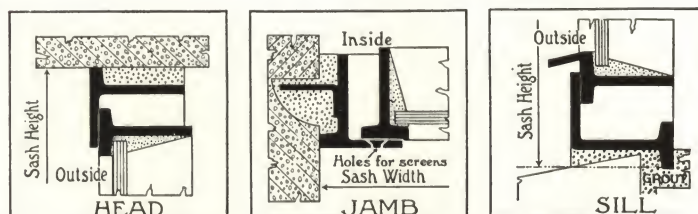
BASEMENT WINDOWS 239



For residential purposes. In stock of steel. Wrought iron on special orders. Sections 1½" make these units especially rigid. Ventilators are top pivoted to swing in. Pivot construction permits easy removal of ventilator for glazing. Bayley screens may be furnished. Special mullions M-24, for vertical attachment of more than one unit in an opening. Details shown at right and below.



Vertical Mullion M 24.



Bayley Basement Window Installation Details

BAYLEY PIVOTED WINDOWS

are for sidewalls of factories, warehouses, garages, lofts, power houses and other kinds of industrial buildings. They are used in the sides of monitors and in vertical sawtooth construction. Continued progress since Bayley began to manufacture windows of specially rolled shaped bars in 1909 is represented in this basic product.

EXPERIENCE OF 26 YEARS have resulted in many refinements and improvements in this and other Bayley products, so that they represent today's best window practice.

PIVOTED WINDOWS are of new billet mild steel, wrought iron or aluminum sections designed for strength, easy fabrication, permanence, and low cost maintenance. They are without sharp edges which encourage corrosion. Their flat surfaces are easily painted.

PIVOTED WINDOWS have a deep angle frame, of a size sufficient to provide $\frac{1}{2}$ " engagement at head, jams and sill in all wall constructions. Basic glass size is 12 x 18" and 14 x 20". Glass in ventilator is trimmed 1" at perimeter.

INTERIOR BAR IS T SHAPED and is a characteristic Bayley section, with a flange containing no greater amount of metal than its web and a depth of $1\frac{1}{2}$ ". This dimension in Bayley windows is the basis of exclusive features such as screening, double glazing, hardware, etc. It provides space for a tenon of extra size, which, when driven, makes a tight and permanent joint. It allows space for bed and face putty and either $\frac{1}{8}$ " or $\frac{1}{4}$ " glass.

INTERSECTION OF INTERIOR bars is accomplished by threading the vertical through horizontal bar. Horizontal bar is punched in web. Vertical bar is punched in flange. After assembly, a wedge is driven at intersection, making entire construction rigid. Bars are not bent or manipulated in assembly. This construction provides strength almost equal to the original bar. Disinterested, exhaustive laboratory and usage tests prove this construction completely outclasses all competition and withstands high wind pressure without permanent deflection.

WEATHERING AT HINGE is provided by lapping upper weathering on ventilator over lower weathering on fixed portion of window. Ventilator contacts are close fitting. Vertical contacts are cold rolled. Horizontal contacts are one-piece rolled sections integral to ventilator and unit and are $1\frac{5}{8}$ " deep.

Hinge pivot is 3° above center of ventilator. It is contained within contact members and does not project beyond faces of window, a protection against damage in shipment. Hinge may be adjusted by regulating two substantial bolts.

Use wrought iron or hot dip galvanized on steel, or even hot dip galvanized on wrought iron where excessive corrosion hazards exist. METALLIC OPERATORS acquired from the St. Louis Company, under exclusive rights are Bayley manufacture. This product stands alone in design, liberal use of cut gears and racks, bronze bushings and precision in manufacture.

Much of the above directly refers to horizontal pivoted windows. Slight modifications cover other methods of ventilating, including vertically center pivoted, bottom and top pivoted, and camber and semi-circular units. Double glazing, underwriters labelled units, and vertical and horizontal mullions apply alike to all windows mentioned in this paragraph.

HARDWARE

for industrial windows is Bayley design and manufacture. Heavy pressed steel and Malleable iron is generally used. Cams are cast malleable. Center pivoted ventilators may have lock bars, catch and chain, corner cams with push bar, or chain cams.



Lock Bar F.



Chain Set N.



Concealed Hinge.

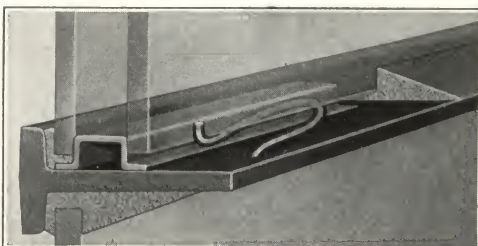


Cam H.

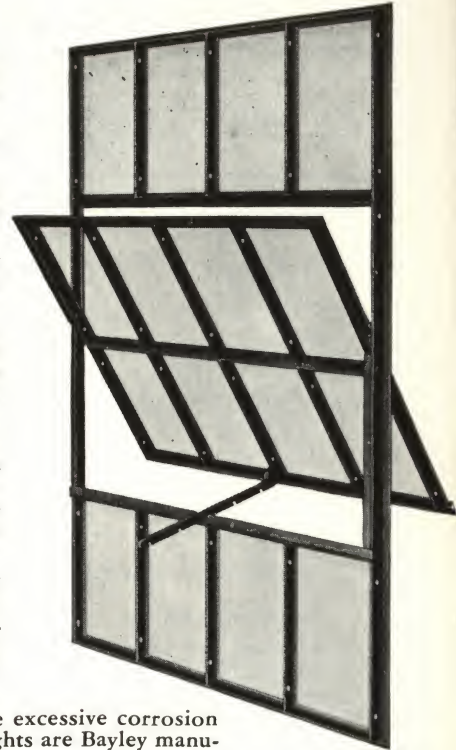


Cam H 15.

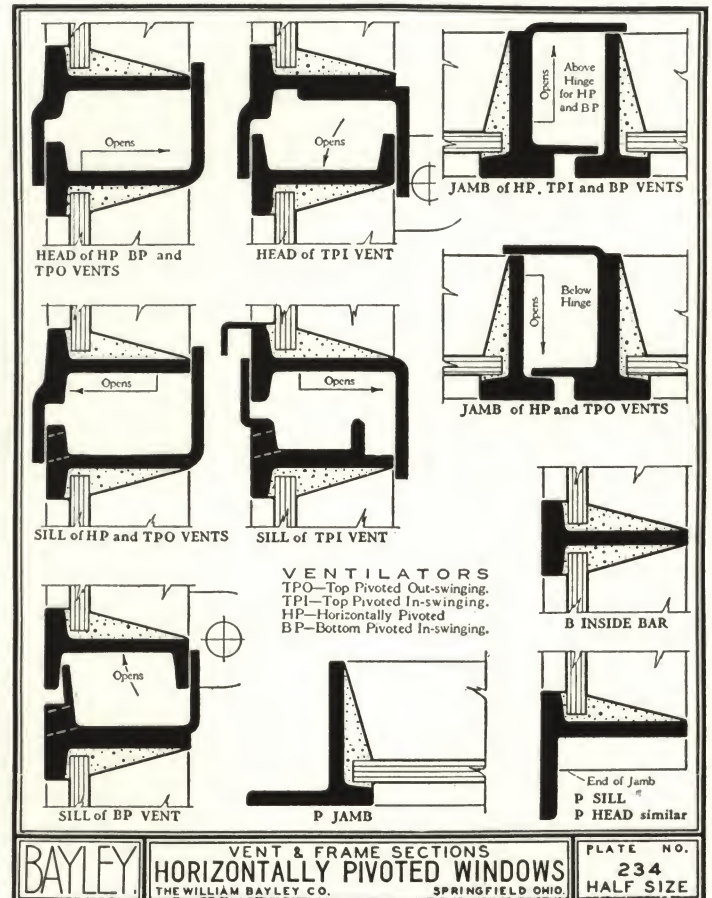
DOUBLE GLAZING



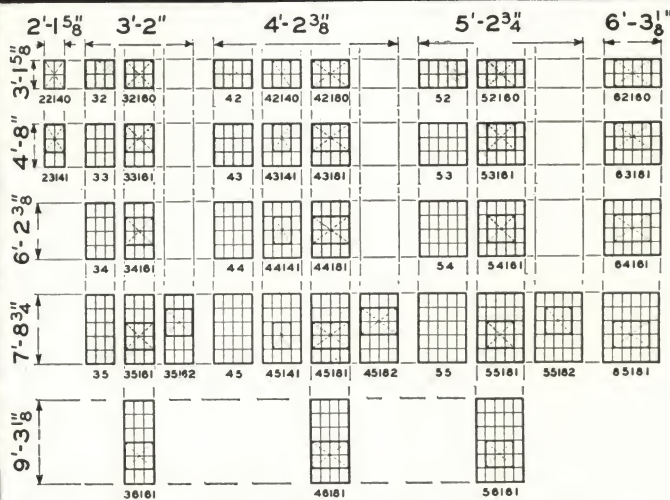
BAYLEY WINDOWS carry enormous areas of double glazing where constant humidity and temperature is desired. This exclusive Bayley construction pays for itself by reducing heating costs.



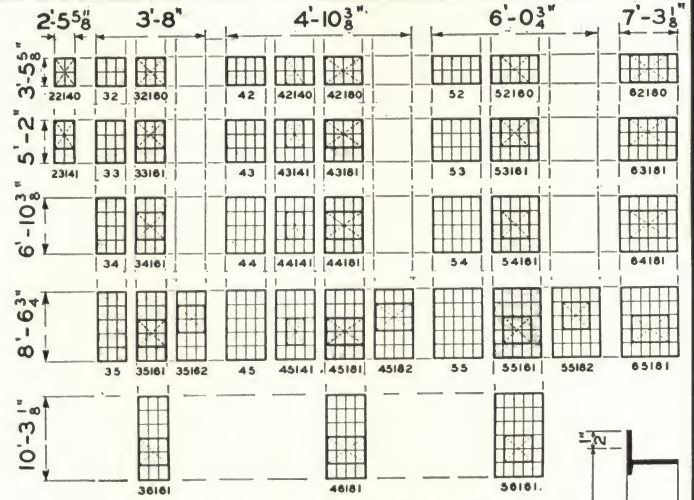
Double glazing the Bayley way is an exclusive feature, essential in industries where constant temperature and humidity must be preserved and where fuel saving is considered. Double glazing in each glass space is accomplished with galvanized separators 2" long, which provide $\frac{3}{8}$ " or $\frac{1}{2}$ " clear space between two lights of glass. Bed putty is applied, outside light of glass inserted followed by double glazing separators, inside light of glass follows separators and is held in place by glazing springs. Face putty is applied for finish.



BAYLEY PIVOTED WINDOWS



12 x 18 LAYOUTS AND SIZES



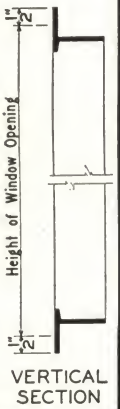
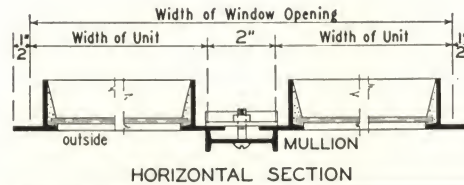
14 x 20 LAYOUTS AND SIZES

SPECIFICATIONS

All units viewed from outside.
 Rolled Sections 1 1/2" deep.
 Ventilator heads & sills 1 5/8" deep.
 Double contact weathering.
 Ventilators pivoted 3" above center.
 Hinge: protected within weathering.
 Putty glazing inside.
 Glazing springs: 4 per light.
 Mullions, 2" wide, extend 2" into sill.
 Window anchorage clips furnished when specified.

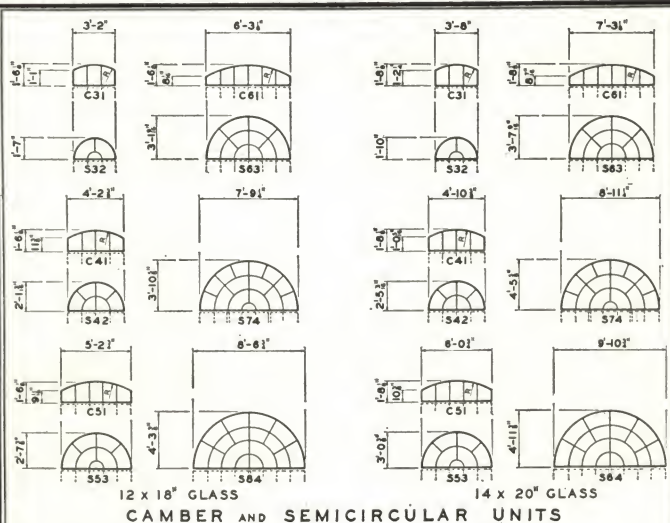
SHADED UNITS ARE DEALERS STOCK.

12" x 18" GLASS SIZE IN FIXED PORTION. GLASS IN VENTS AT EDGES (TOP, BOTTOM & BOTH SIDES) MUST BE TRIMMED ONE INCH.

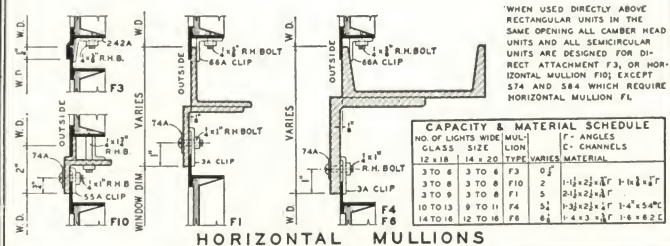


HORIZONTALLY PIVOTED WINDOWS

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12 x 18" GLASS CAMBER AND SEMICIRCULAR UNITS



HORIZONTAL MULLIONS

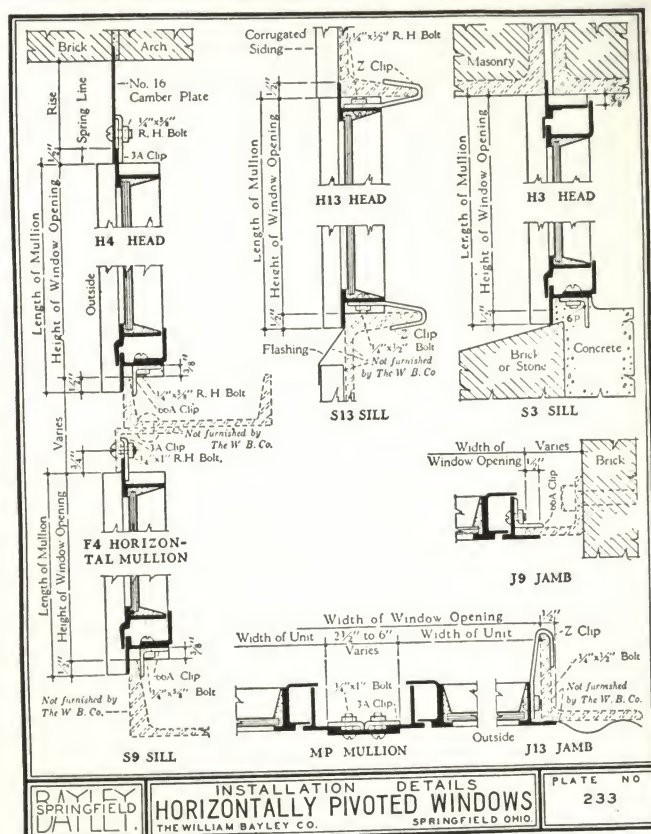
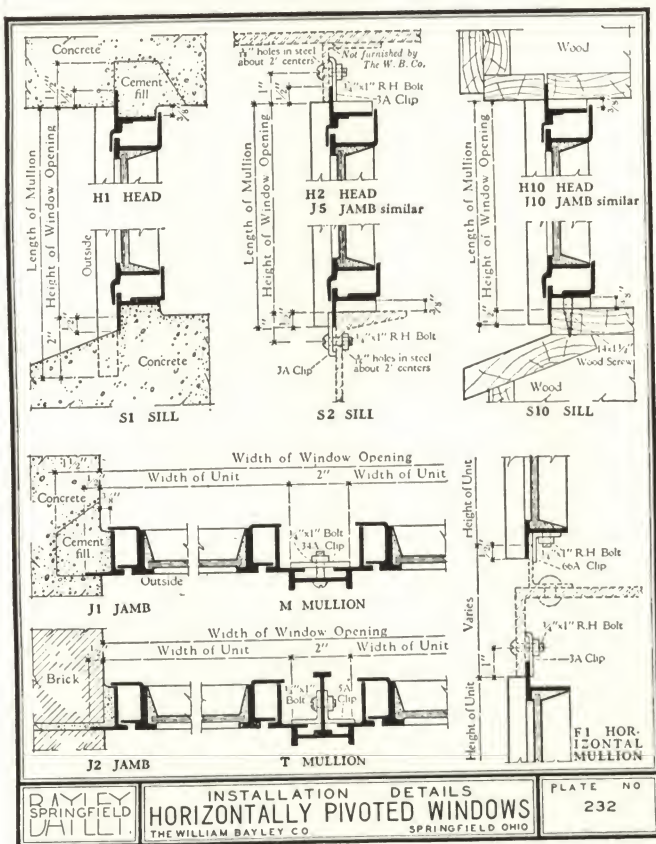
CAMBER RADIUS "R" IS THE WINDOW DIMENSION WIDTH.

WHEN USED DIRECTLY ABOVE RECTANGULAR UNITS IN THE SAME OPENING ALL CAMBER HEAD UNITS ARE DESIGNED FOR DIRECT ATTACHMENT F3, OR HORIZONTAL MULLION F10 EXCEPT S74 AND S84 WHICH REQUIRE HORIZONTAL MULLION F1.

CAPACITY & MATERIAL SCHEDULE		F-ANGLES	
NO. OF LIGHTS	WIDE MULLION	C-CHANNELS	VARIABLE MATERIAL
12 x 18	14 x 20	TYPE	VARIES
3 TO 4	3 TO 4	F3	0
3 TO 8	3 TO 8	F10	1
3 TO 9	3 TO 9	F1	3
10 TO 13	9 TO 11	F4	2
14 TO 18	12 TO 18	F8	8

12" x 18"	14" x 20"	No. of Lights High	No. of Units in Opening	1st Unit	2nd Unit	3rd Unit	4th Unit	5th Unit	No. of Mullions
2' 1 7/8"	1' 9 1/4"	1	1	2					
3' 1 3/8"	3' 5 5/8"	2	2	3					
4' 8"	5' 2"	3	3	4					
6' 2 3/8"	6' 10 3/8"	4	4	5					
7' 8 3/8"	8' 6 3/8"	5	5	6					
9' 3 3/8"	10' 3 3/8"	6	6	7					
10' 9 1/2"	11' 11 1/2"	7	7	8					
2' 1 3/8"	2' 5 5/8"	2	1	2					
3' 1 3/8"	3' 5 5/8"	3	2	3					
4' 2 3/8"	4' 10 3/8"	4	3	4					
5' 2 3/8"	5' 10 3/8"	5	4	5					
6' 3 3/8"	6' 11 3/8"	6	5	6					
7' 3 3/8"	7' 11 3/8"	7	6	7					
8' 3 3/8"	8' 11 3/8"	8	7	8					
9' 3 3/8"	9' 11 3/8"	9	8	9					
10' 3 3/8"	10' 11 3/8"	10	9	10					
11' 3 3/8"	11' 11 3/8"	11	10	11					
12' 3 3/8"	12' 11 3/8"	12	11	12					
13' 3 3/8"	13' 11 3/8"	13	12	13					
14' 3 3/8"	14' 11 3/8"	14	13	14					
15' 3 3/8"	15' 11 3/8"	15	14	15					
16' 3 3/8"	16' 11 3/8"	16	15	16					
17' 3 3/8"	17' 11 3/8"	17	16	17					
18' 3 3/8"	18' 11 3/8"	18	17	18					
19' 3 3/8"	19' 11 3/8"	19	18	19					
20' 3 3/8"	20' 11 3/8"	20	19	20					
21' 3 3/8"	21' 11 3/8"	21	20	21					
22' 3 3/8"	22' 11 3/8"	22	21	22					

BAYLEY PIVOTED WINDOWS

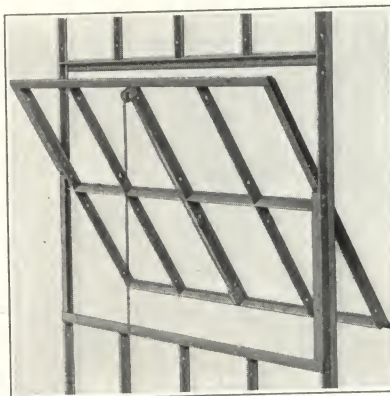


BAYLEY PIVOTED WINDOWS — UNDERWRITERS LABELLED

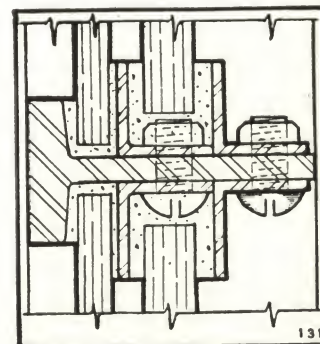
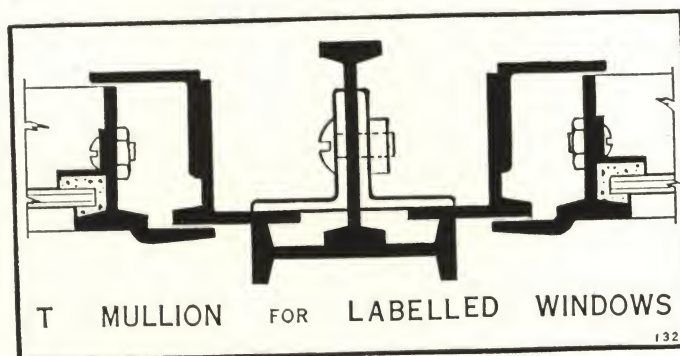
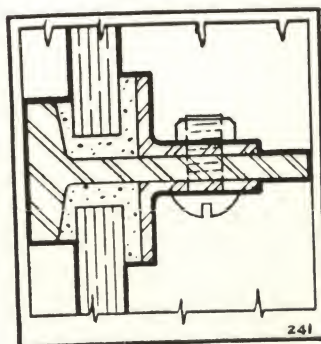
include those with horizontal pivoted ventilators at the center and at the top, "Pages 9-10-11," Pivoted Windows Screened "Pages 12-13," Projected Windows Commercial "Page 14," Projected Windows Architectural "Page 15." Sections and details duplicate those of these standard windows with the following exceptions.

Glass is held in place by glazing angles and ventilators are equipped at heads and sills with expansion clips. Window units are limited to 7 feet x 12 feet. Width and height may be either dimension. Glass size is limited to 350 square inches. Larger openings are made up of several units connected together by approved T mullions. Mullions have special anchors at heads and sills. Window openings are not limited to any width. Hardware may be either lockbar, spring catch and chain, or cam H 15 and chain. Double glazing may be had in these windows and provides two lights in each glass space, held in place by 2 sets of glazing angles. It is essential that ample bed putty be used to insure a watertight job. Underwriters label is placed on inside face of glazing angle located at lower edge of fixed light near center and sill of unit.

UNDERWRITERS' LABORATORIES THE WILLIAM BAYLEY CO.
INSPECTED
FIRE WINDOW FRAME No. S A 5501 SPRINGFIELD, OHIO



Fusible Link Chain Set A



THE WILLIAM BAYLEY CO., SPRINGFIELD, OHIO

BAYLEY PIVOTED WINDOW — Screened

{Patented} are for buildings requiring screen protection added to the advantages of pivoted windows, and completely protect materials and machinery in all kinds of manufacturing and distributing plants. These windows are popular where food products are handled. They should not be confused with ordinary pivoted windows to which screens have been attached as an after thought.

THIS EXCLUSIVE BAYLEY DEVELOPMENT is backed by thousands of successful installations for many particular owners. This product is made with ventilators having industrial sections, plate No. 161; or Series 30 casement sections, plate No. 313. Both products are available in steel or wrought iron, and may be hot dip galvanized.

VENTILATORS AND SCREENS are built together but screens are removable.

STANDARD LAYOUTS AND SIZES are 12x18 and 14x20 inches. Opening dimensions match those of pivoted windows.

SECTIONS duplicate those of standard pivoted windows except those exclusive to this product. Horizontal muntin bar of ventilator is $1\frac{1}{8}$ inches deep and is shaped to provide continuous close fitting screen contacts with ventilator in any position.

PIVOTS exclusive to this product are located at exact center of ventilator.

FRICTION ADJUSTERS of non-corrosive metal hold ventilator securely in any position. They are attached within the weathering at each side, properly adjusted in manufacture and protected during shipment and erection.

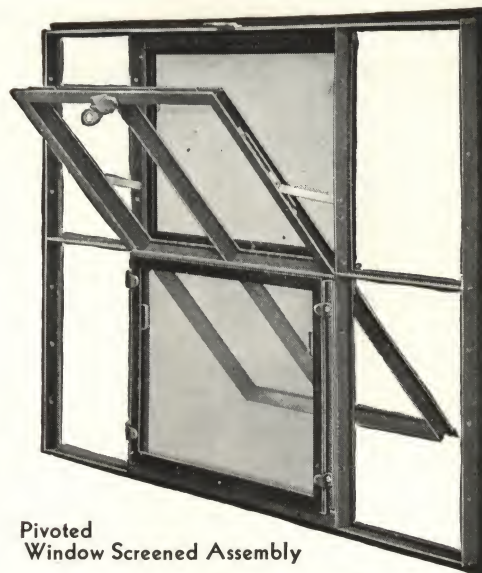
POLE CATCH H112 IS OF MALLEABLE IRON in cadmium plated finish. Cam H 113, optional.

SCREENS MADE BY THE WILLIAM BAYLEY CO. are an integral part of window. They have solid steel frames in hot dip galvanized finish. Bronze screen cloth, 16 mesh, is standard. Screens are interchangeable and easily removed from inside for cleaning windows or for winter storage. Rewiring may be done by any mechanic without special tools.

GLAZING is with putty. Industrial sections windows glazed inside, series 30 glazed outside. Double glazing is an exclusive feature which may be specified in this as in other Bayley products. It is specially desirable where uniform temperature and humidity is necessary and where fuel saving is considered.

One dip coat of standard red oxide paint is applied to steel before shipment.

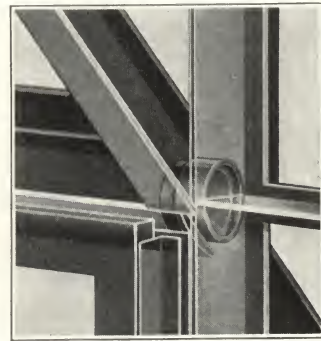
MECHANICAL OPERATORS of either manual or electric control may be used for ventilators in long lines and those out of reach.



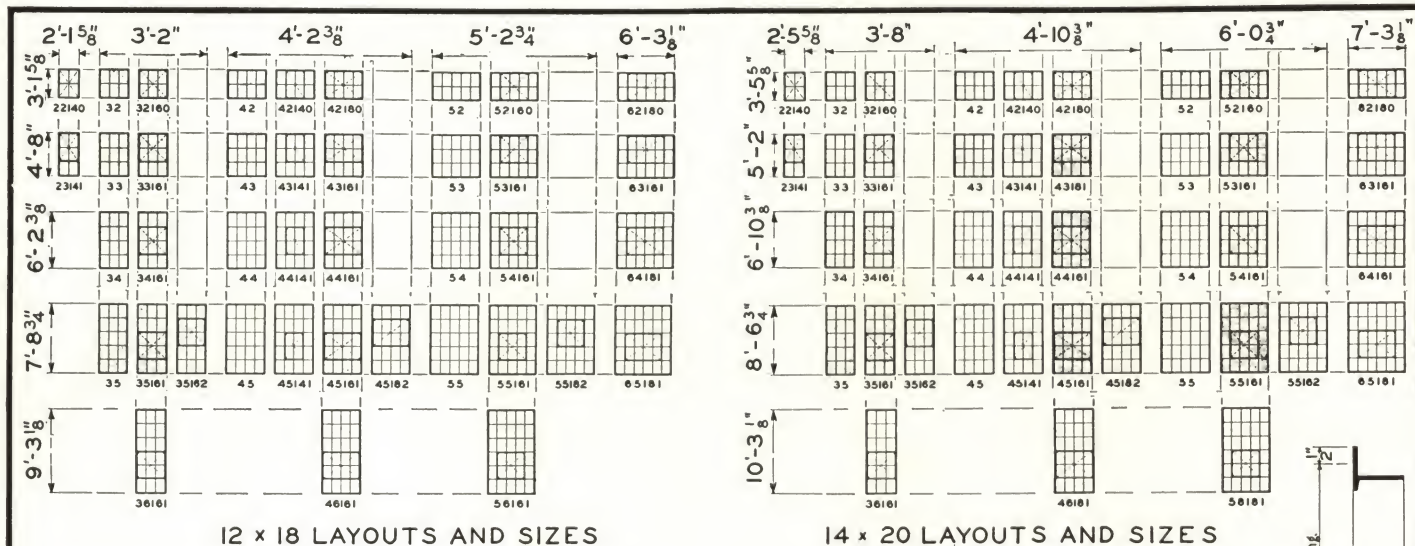
Pivoted Window Screened Assembly



Pole Catch H 112



Center Rail and Pivot

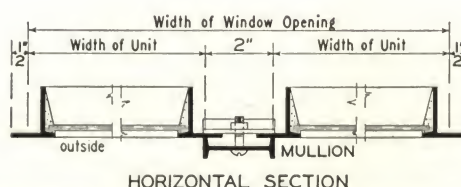


SPECIFICATIONS

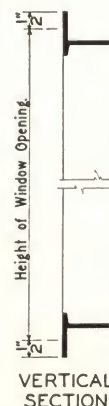
- All units viewed from outside.
- Rolled Sections $1\frac{1}{2}$ deep.
- Ventilator heads & sills $1\frac{1}{2}$ deep.
- Double contact weathering.
- Ventilators pivoted on center.
- Hinge: protected within weathering.
- Putty glazing inside.
- Glazing springs: 4 per light.
- Mullions, 2" wide, extend 2" into sill.
- Window anchorage clips furnished when specified.

SHADED UNITS ARE DEALERS STOCK.

12"x18" GLASS SIZE IN FIXED PORTION. GLASS IN VENTS AT EDGES (TOP, BOTTOM & BOTH SIDES) MUST BE TRIMMED ONE INCH.



HORIZONTAL SECTION



VERTICAL SECTION

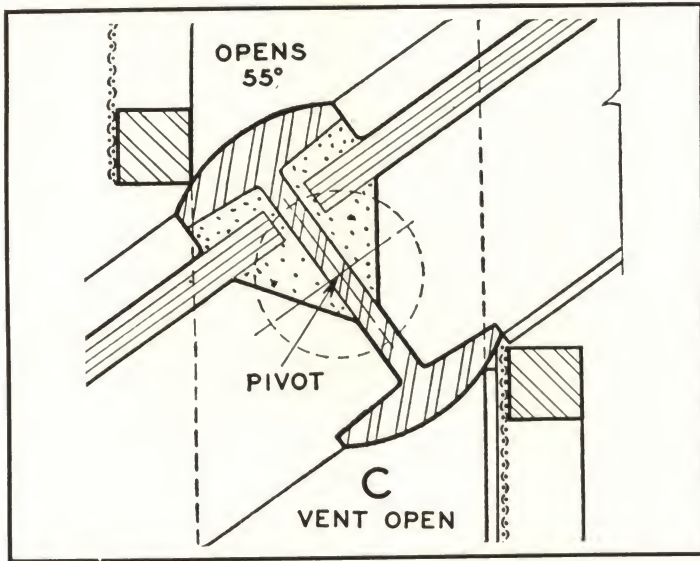
HORIZONTALLY PIVOTED SCREENED WINDOWS

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ANOTHER BAYLEY ACHIEVEMENT, AN EXCLUSIVE PRODUCT

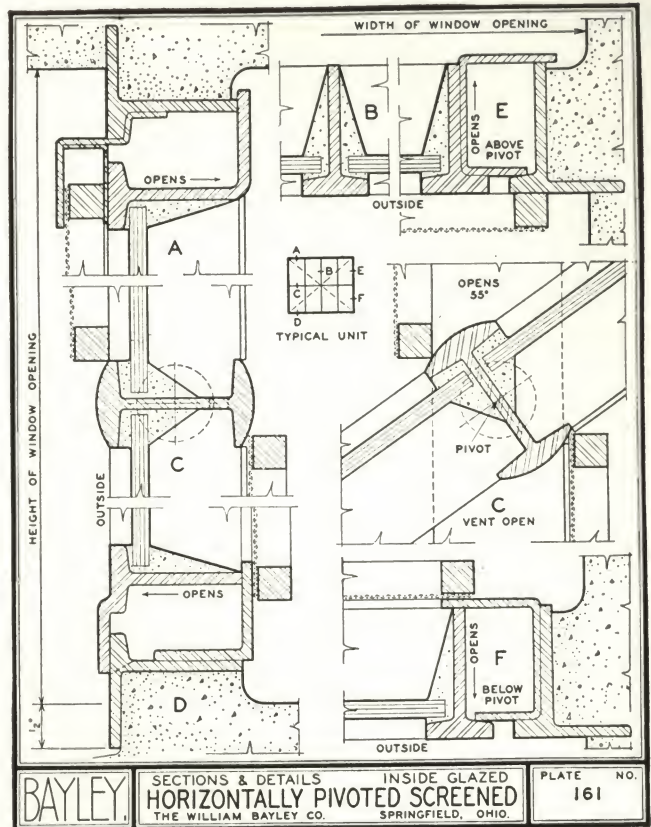
BAYLEY PIVOTED WINDOW—Screened

INDUSTRIAL SECTIONS GLAZED INSIDE (Patented)



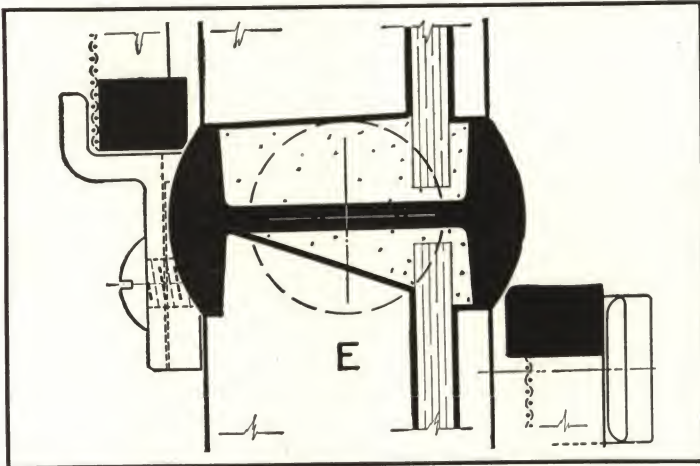
Center Rail, Contact and Pivot—Full Size

CENTER RAIL CONTACT with flat BAYLEY screens and pivot arrangement is the key to these special "keep out insects" center pivoted ventilators. Illustrations above and below show ventilators open and closed with horizontal screen frame members for narrow and wide screens always in contact with the rail. These illustrations also show inside putty glazing above, and outside putty glazing below.



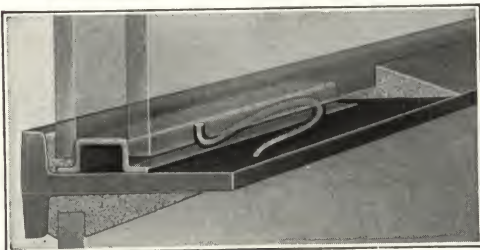
BAYLEY PIVOTED WINDOW—Screened

SERIES 30 CASEMENT SECTIONS—GLAZED OUTSIDE (Patented)

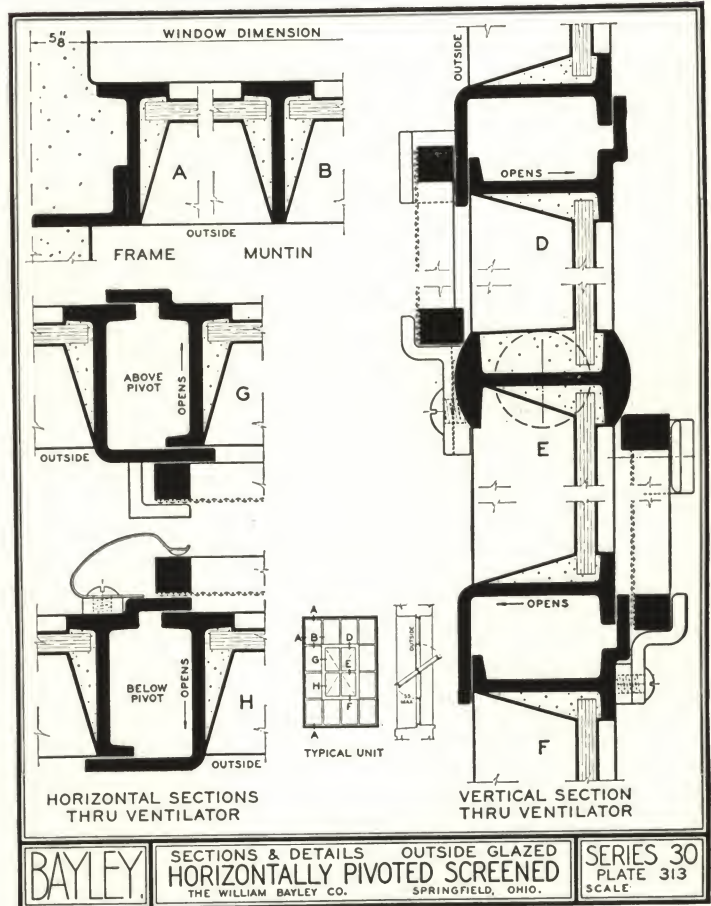


Center Rail, Contact and Pivot—Full Size

This application of series 30 casement sections $\frac{1}{8}$ inch thick to pivoted ventilators intended for use with industrial work is another long step forward by Bayley. It assures better weathering and permanency and carries casement workmanship. Corrosion is less likely and the complete window unit is even more rigid.



DOUBLE GLAZING is applicable to both products shown on this page as it is to BAYLEY products in general.



IN STEEL, WROUGHT IRON, ALUMINUM AND BRONZE

BAYLEY PROJECTED WINDOWS COMMERCIAL — Screened

BAYLEY PROJECTED WINDOWS COMMERCIAL Screened for garages, lofts, storage and industrial buildings. Used in single units or in bays. Procurable in steel, or wrought iron. May also be hot dip galvanized.

Industrial sections $1\frac{1}{2}$ " and $1\frac{5}{8}$ " deep arranged for inside putty glazing or for outside glazing upon request. Layouts are for basic glass sizes 12 x 18" and 14 x 20". Opening dimensions match those of pivoted windows.

Ventilators and openings for ventilators have corners coped, tenoned and riveted, and welded where necessary for strength. Ventilators balance on heavy steel friction arms with friction increasing as the movement nears the closing point. They slide on bronze pivots; at top when projected out, and at bottom when projected in.

Awning-like protection during showers is a feature. Outside washing can be done from the inside when ventilators are open.

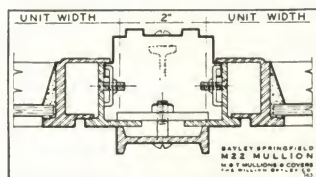
Screens fit flat against weathering. Bayley's section depth provides for secure attachment of hardware and its coverage by screens.

Furnished with underwriter's label (see page 11).



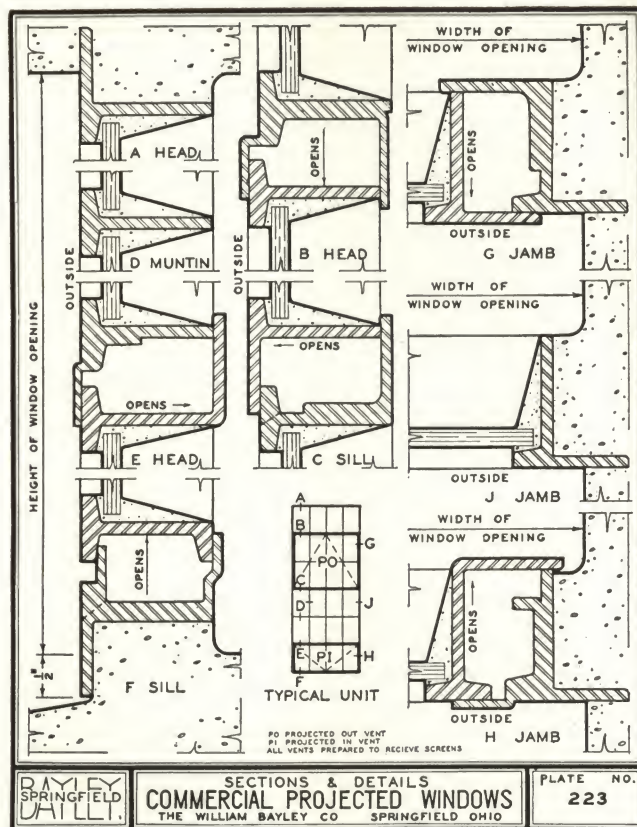
Upper ventilator projected out
screen inside.

Lower ventilator projected in
screen outside.

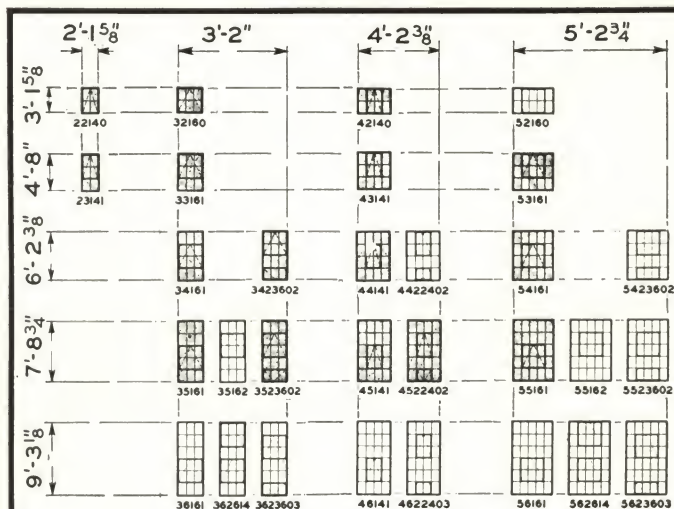


Mullion M22—M Mullion and
cover.

Mullion T22—T Mullion and
cover.



Hardware for Commercial and Architectural Projected Windows,
shown on this and opposite page is of the same design.



12 x 18 LAYOUTS AND SIZES

SPECIFICATIONS

All units viewed from outside.

Rolled Sections $1\frac{1}{2}$ " deep.

Ventilator heads & sills $1\frac{5}{8}$ " deep.

Double contact weathering.

Ventilators, balanced on heavy steel arms, have bronze sliding pivots.

Putty glazing inside.

Glazing springs: 4 per light.

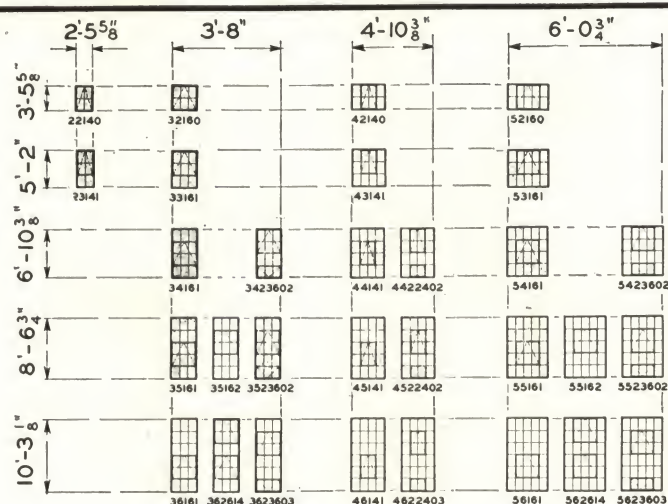
Mullions, 2" wide, extend 2" into sill.

Window anchorage clips furnished when specified.

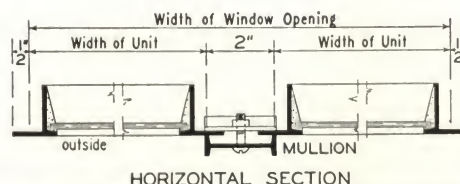
- Indicates vent opening out.
- Indicates vent opening in.

SHADED UNITS ARE DEALERS STOCK.

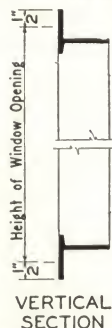
12"x18" GLASS SIZE IN FIXED PORTION. GLASS IN VENTS AT EDGES (TOP, BOTTOM & BOTH SIDES) MUST BE TRIMMED ONE INCH.



14 x 20 LAYOUTS AND SIZES



HORIZONTAL SECTION



VERTICAL SECTION

COMMERCIAL PROJECTED WINDOWS

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THIS PRODUCT CLASSIFIES WITH PIVOTED WINDOWS IN LAYOUT AND QUALITY

BAYLEY PROJECTED WINDOWS ARCHITECTURAL — Screened

for schools, clubs, offices, public and monumental buildings. Used in single units or in bays. Procurable in steel, or steel hot dip galvanized.

Sections 1½" and 1⅝" deep enclosed within an outside frame of extra heavy deep flanged channel welded at corners. This increased width stiffens the product and improves appearance.

Ventilator sections, welding, weathering, and working parts are similar to those used in commercial projected {page 14} but workmanship is stepped up for this more finished window.

Glazing is inside with bed putty and steel beads, or with putty, and outside with putty when requested.

Hardware is of heavy pressed steel, cast malleable and bronze. The cam so often found on Bayley windows is the most effective draw-up-tight attachment. As in all Bayley windows the depth of sections and their shape provides for secure fastening, another outstanding Bayley feature.

Screens manufactured by Bayley fit flat against the weathering and cover cam hardware.

Furnished with underwriter's labels. See page 11.

Recognizing value, careful designers rate this Bayley window as today's best buy, for they know the sections, workmanship, and trim place its usefulness equal to that of more expensive products.



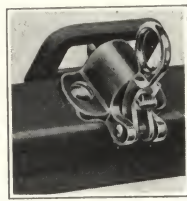
Projected out ventilator above permits use of screens and shades without interference.
Projected in ventilator below controls ventilation.



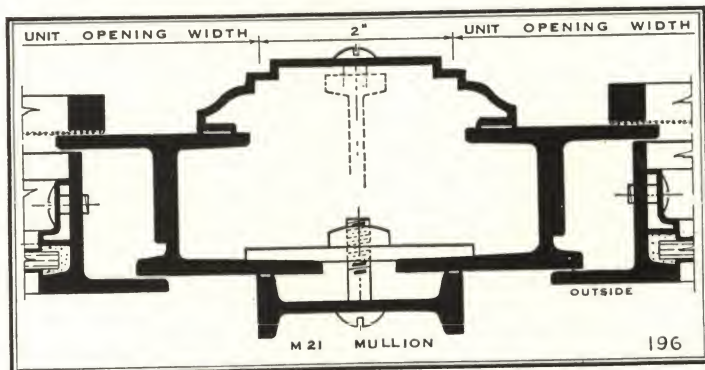
H113 for Projected In Vents Within Reach



H20 Cam for projected out located within ventilator operates through sill



H112 Pole Catch for Projected In Vents Out of Reach



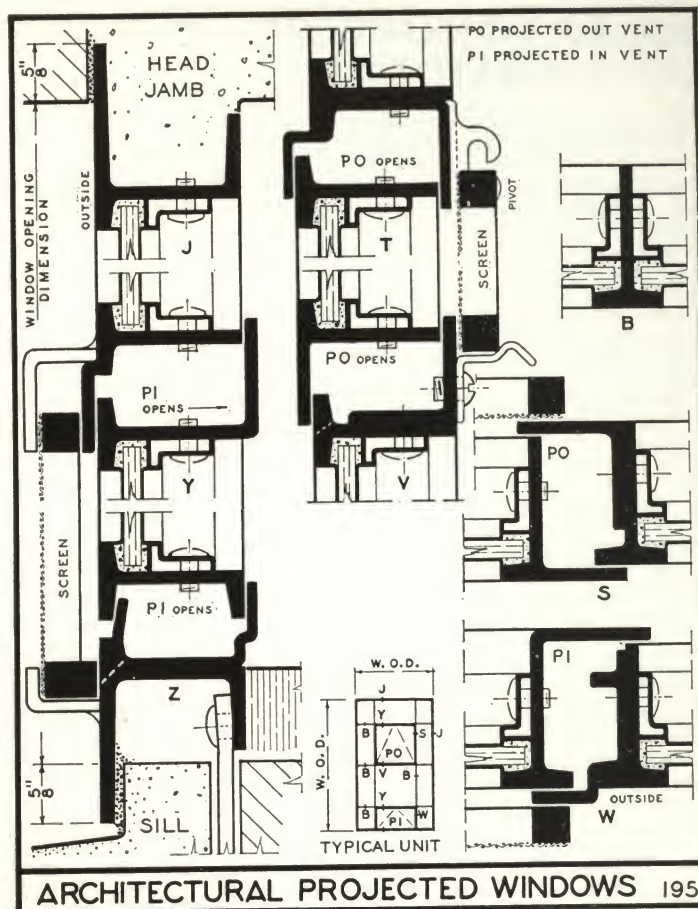
Mullion M 21—M Mullion and cover. T 21—T Mullion and cover.

REFERENCE TO PHOTOGRAPH SHOWN ON COVER

The John Woodman Higgins Armory and Administrative Offices
Worcester Pressed Steel Company, Worcester, Mass.
J. D. Leland & Company, Boston, Architects and Engineers

Steel windows, glass and structural steel are the essential materials used for the walls of this building. It is entirely fitting that the exterior of this building should be made to express its purpose through the use of materials similar to those manufactured by the Owner.

This building also houses a museum in which the progress of steel from its early craftsmanship as shown by specimens of arms and armor representing most of the periods of history from the early Greek Wars down to the recent World War and also examples of modern machine production as exemplified in an automobile chassis. The building is an outstanding achievement of the effective use of modern materials and will have its influence on the future design and efficiency of buildings.



ARCHITECTURAL PROJECTED WINDOWS 195

1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
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3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
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3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
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2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0
3-0	3-0	5-6	5-6
3-6	3-6	6-0	6-0
4-0	4-0	6-6	6-6
4-6	4-6	7-0	7-0
1'-6"	1'-6"	4'-0"	4'-0"
2-0	2-0	4-6	4-6
2-6	2-6	5-0	5-0

BAYLEY CONTINUOUS WINDOWS AND OPERATORS

For roofs and sidewalls are constructed of specially designed solid rolled steel sections welded together for strength and permanency. The sill member is of a new design having no pockets for water or ice in either the open or closed position, at any useful angle. It has an integral flange for operator attachment and a flat-surface contact with the structural steel and its shape is such that a condensation gutter of effective size and form may be used where advisable. Hinges, at four feet centers, placed inside of steel framing for protection, are of heavy steel with three-eighths inch brass pins and have slotted holes for adjustment to steel work. Vertical bars are spaced at two feet centers. Putty-bed on all members is in the same plane which facilitates glazing, requires less putty and reduces glass breakage. Where panels are joined the splice is placed at the center of glass space, and fully develops the strength of horizontal members. Vertical weathering, where hinged portions meet fixed panels, is of formed galvanized steel. Hinged windows have fixed panels one foot wide at extreme ends of lines and two feet wide at intermediate ends. All steel is given one dip coat of standard red oxide paint.

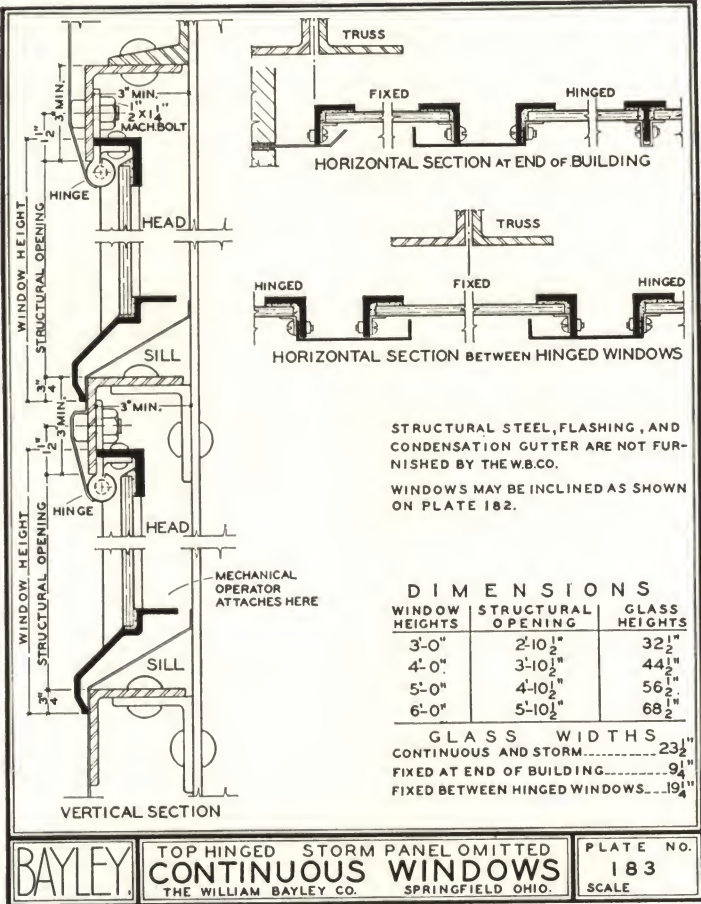
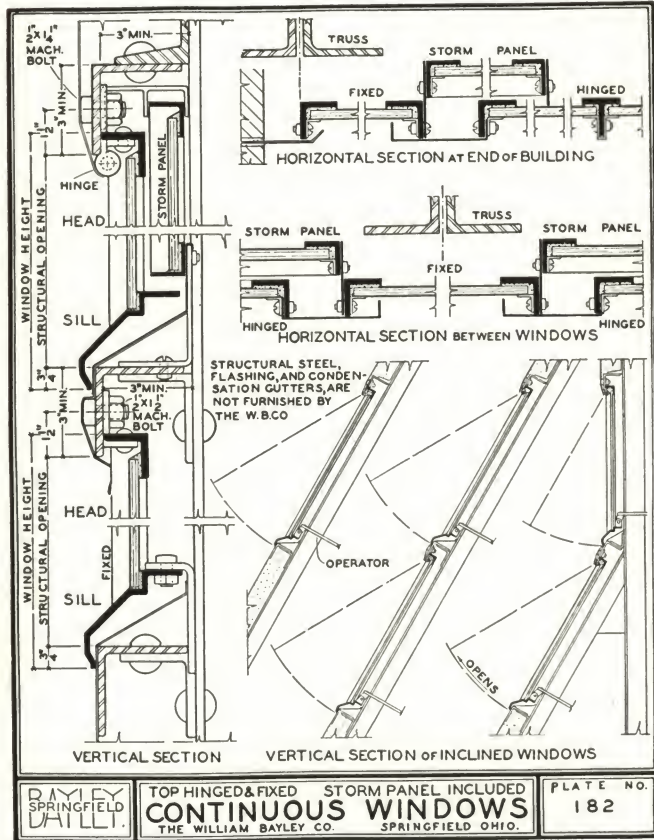
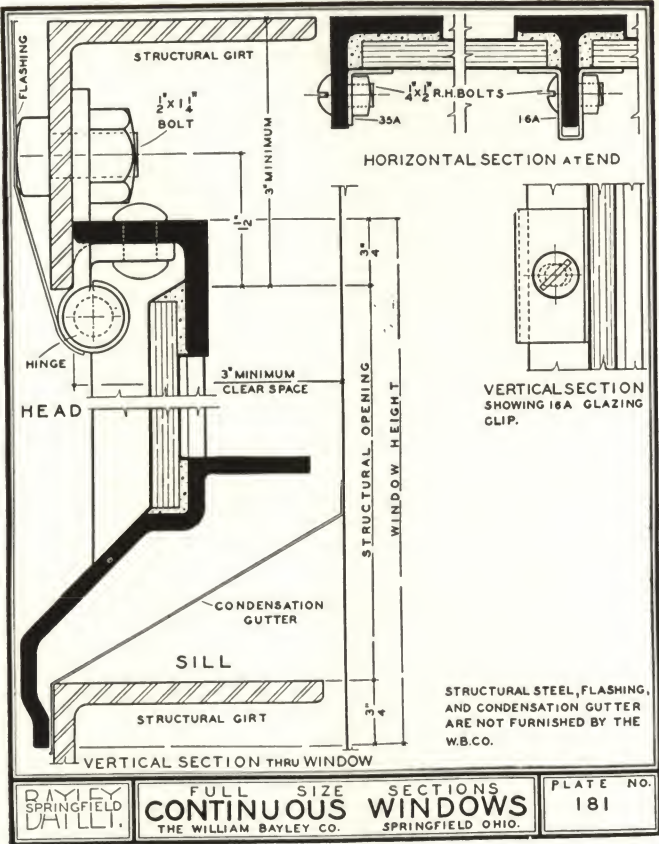
Overall length of windows should be held to full feet in order to use stock and insure quick shipment. Variations from full feet to be taken up with flashing by others.

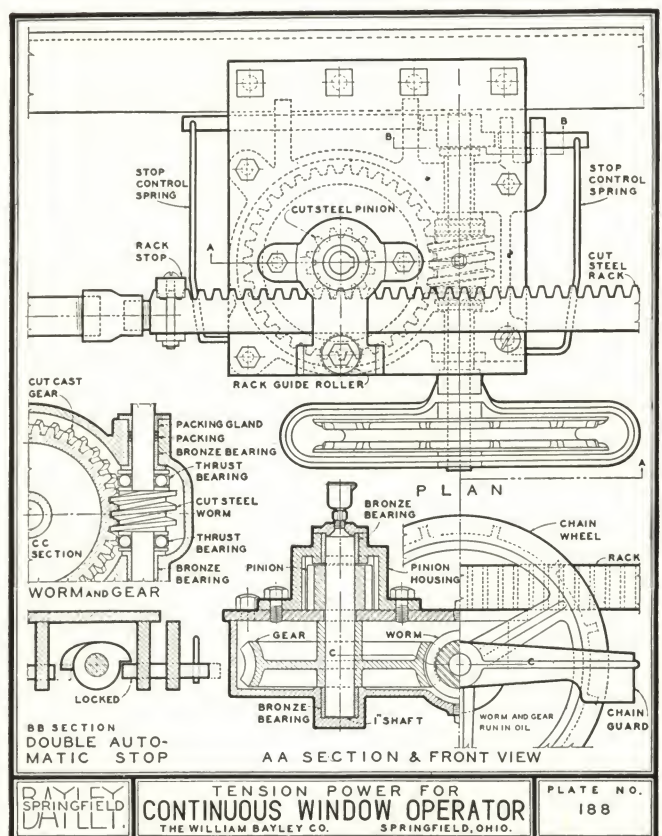
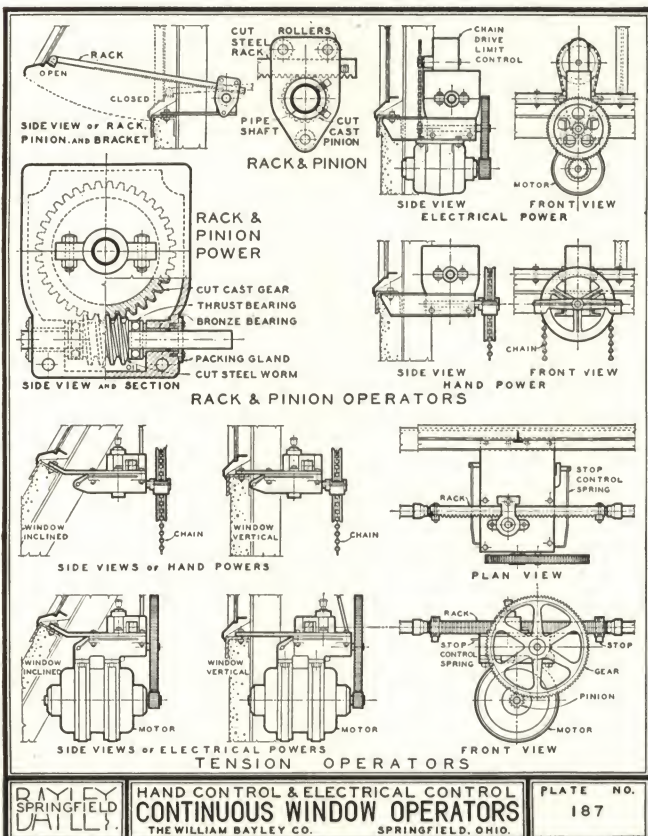
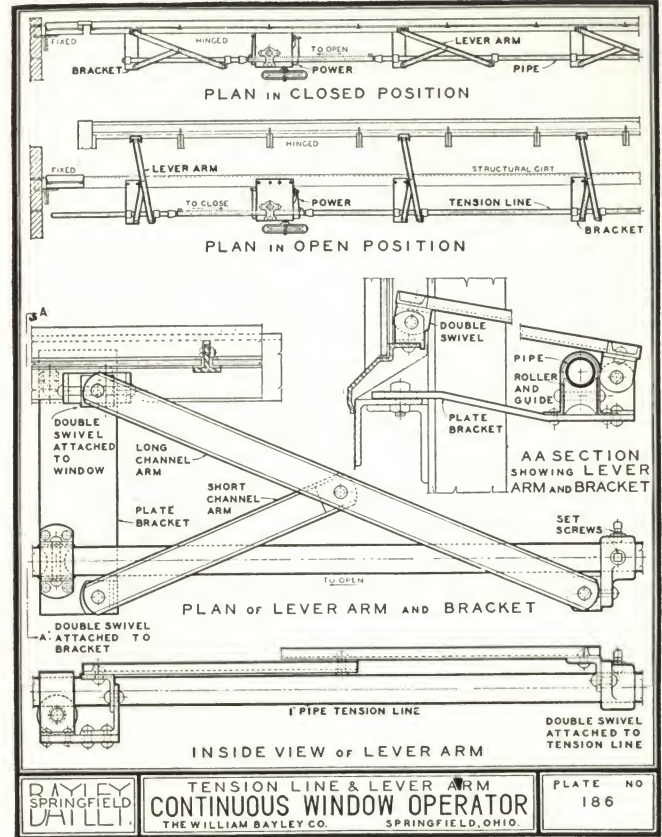
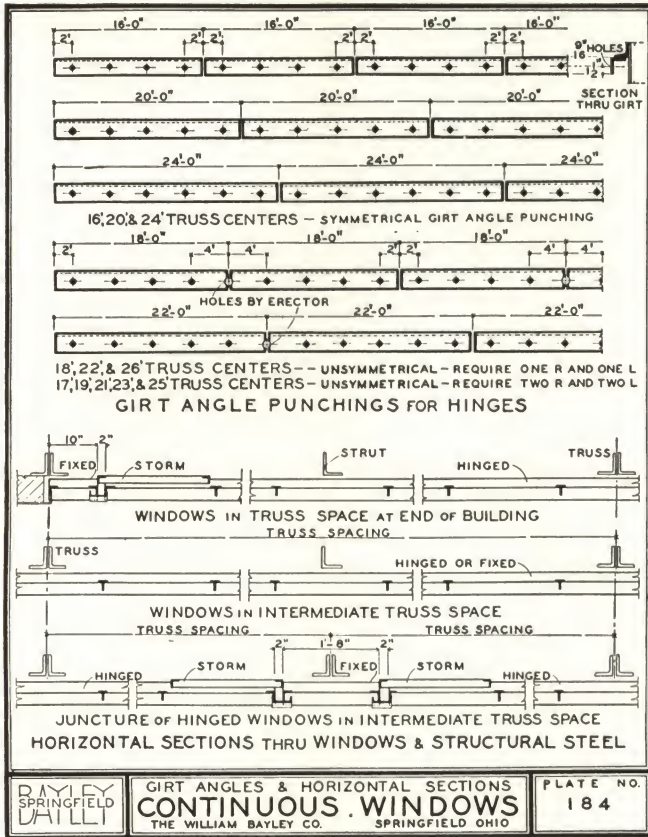
Storm Panels are not included but are furnished at extra cost when specially ordered and fit inside the three inch clearance space with provision to drain water outside. Glass in storm panels is of same size as glass in main part of line.

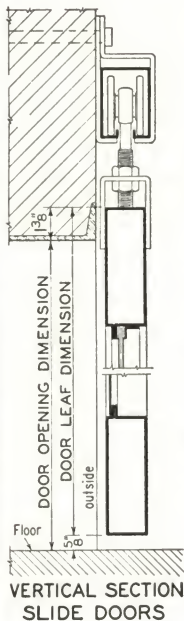
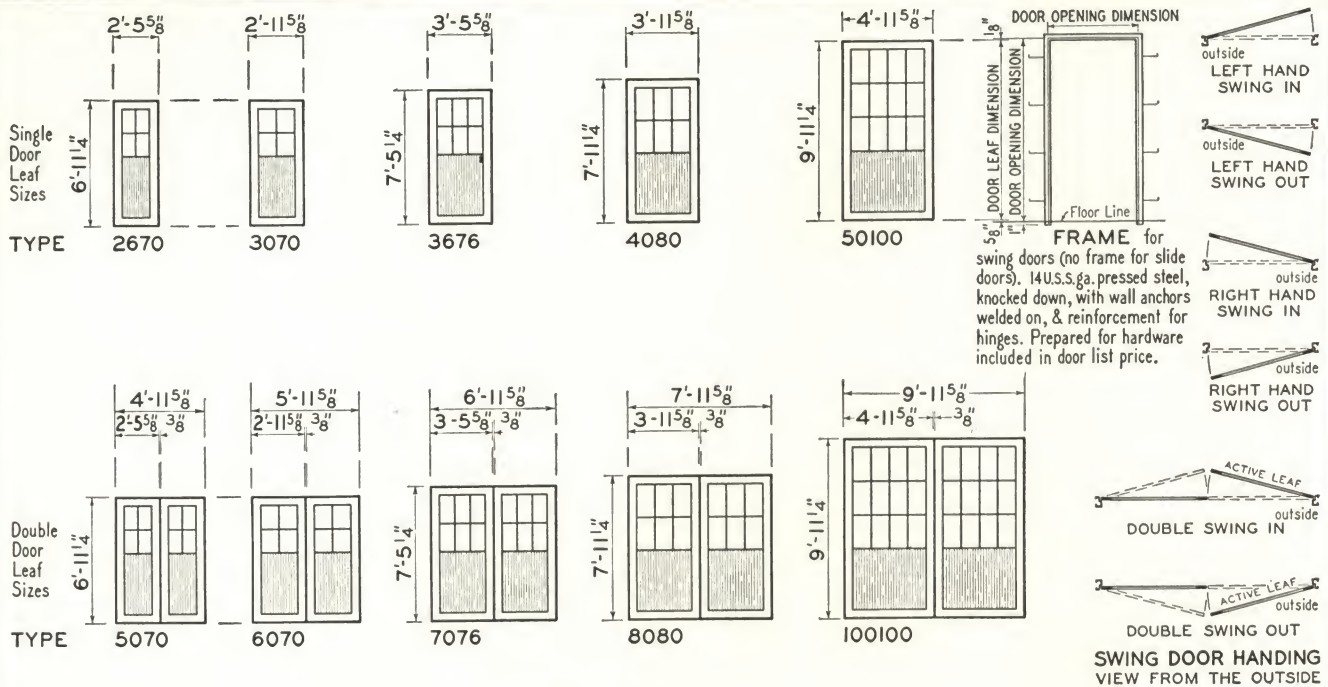
Wire glass one quarter inch thick is recommended and must be twenty-three and one-half inches wide, except in end panels, set in an even bed of putty struck flush with outside surface of glass and held by galvanized metal clips and bolts. Face putty may be used at extra cost.

Continuous Window Operators are of the Tension type or Rack and Pinion type. They may be either manually or electrically controlled. Lengths of lines are determined by conditions of the installation. In general, Tension type is used for long lines and Rack and Pinion type used for short lines. This product is of sturdy construction and good quality. Parts are designed to eliminate friction and include such features as machine-cut racks, pinions, worms and gears; bronze or ball bearings, where necessary; and provision for working parts to run in oil.

Items not furnished by The William Bayley Co. are structural steel, all flashing and condensation gutters, glass, putty, erection, pointing, field painting and glazing, unless specifically mentioned in the contract.







SIZES - SWING & SLIDE DOORS									
DOOR TYPE	SWING & SLIDE LEAF SIZES		SWING DOOR DOOR OPENING SIZES		SWING DOOR MASONRY OPENINGS		SLIDE DOOR DOOR OPENING SIZES		GLASS SIZES
	Width	Height	Width	Height	Width	Height	Width	Height	
Single Doors	2670	2'-5 5/8"	6'-11 1/4"	2'-6"	7'-0"	2'-9"	7'-1 1/2"	2'-3"	9 1/2" x 16"
	3070	2'-11 5/8"	6'-11 1/4"	3'-0"	7'-0"	3'-3"	7'-1 1/2"	2'-9"	12 1/2" x 16"
	3676	3'-5 5/8"	7'-5 1/4"	3'-6"	7'-6"	3'-9"	7'-7 1/2"	3'-3"	10 1/4" x 19"
	4080	3'-11 5/8"	7'-11 1/4"	4'-0"	8'-0"	4'-3"	8'-1 1/2"	3'-9"	12 1/4" x 22"
	50100	4'-11 5/8"	9'-11 1/4"	5'-0"	10'-0"	5'-3"	10'-1 1/2"	4'-9"	12 1/8" x 22 1/2"
Double Doors	5070	2'-5 5/8"	6'-11 1/4"	5'-0"	7'-0"	5'-3"	7'-1 1/2"	4'-9"	9 1/2" x 16"
	6070	2'-11 5/8"	6'-11 1/4"	6'-0"	7'-0"	6'-3"	7'-1 1/2"	5'-9"	12 1/2" x 16"
	7076	3'-5 5/8"	7'-5 1/4"	7'-0"	7'-6"	7'-3"	7'-7 1/2"	6'-9"	10 1/4" x 19"
	8080	3'-11 5/8"	7'-11 1/4"	8'-0"	8'-0"	8'-3"	8'-1 1/2"	7'-9"	12 1/4" x 22"
	100100	4'-11 5/8"	9'-11 1/4"	10'-0"	10'-0"	10'-3"	10'-1 1/2"	9'-9"	12 1/8" x 22 1/2"

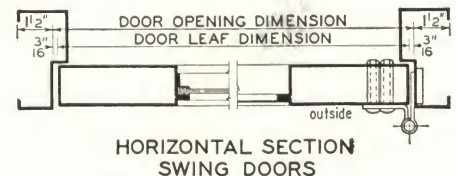
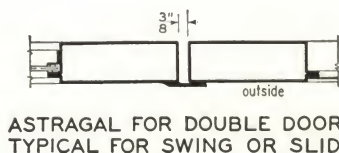
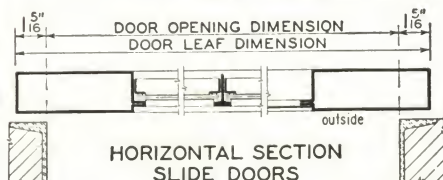
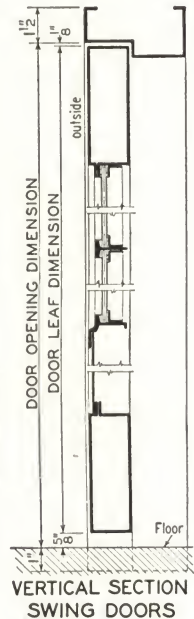
*MASONRY OPENING SIZES BASED ON USE OF BAYLEY STANDARD PRESSED STEEL DOOR FRAMES.

SPECIFICATIONS: Elevations are viewed from outside.
 Swing doors: specify hand and swing (see diagrams above).
 Slide doors: singles - specify "slide right" or "slide left"; all double slide doors slide apart.
 Tube: 1 3/4 x 5 x 14 U.S.S. pressed steel. Corners mitered, internally reinforced, welded and ground. Prepared for hardware included in door list price.
 Upper panel: inside, angle glazed. Glass and putty not included.
 Lower panel: 18 U.S.S. gauge steel, welded in.
 Upper and lower panels: steel (no glass) - same price, factory shipment.
 Paint: one standard protective coat.
 Hardware included in door list price:
 Swing doors: three hinges per leaf; and top and bottom bolts for inactive leaf of double doors.
 Slide doors: complete track equipment, hasp and staple (without padlock), handles, guides, and stops.

LIST EXTRAS for SWING DOORS

CYLINDER LOCK - Iron Handles....
 - Bronze Handles..
 LEVER LATCH (without padlock)....
 BIT KEY LOCK (leaf limit 32 sq.ft.) -
 - Steel Plated Trim..
 - Bronze Trim.....
 HOOK BACK & RING.....

*ONE REQUIRED PER DOOR OPENING



BAYLEY

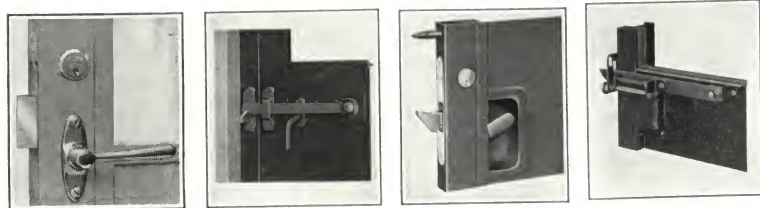
INDUSTRIAL DOORS
 THE WILLIAM BAYLEY CO. SPRINGFIELD, OHIO.

PLATE NO.
220
 SCALE 1 1/2" = 1'-0"

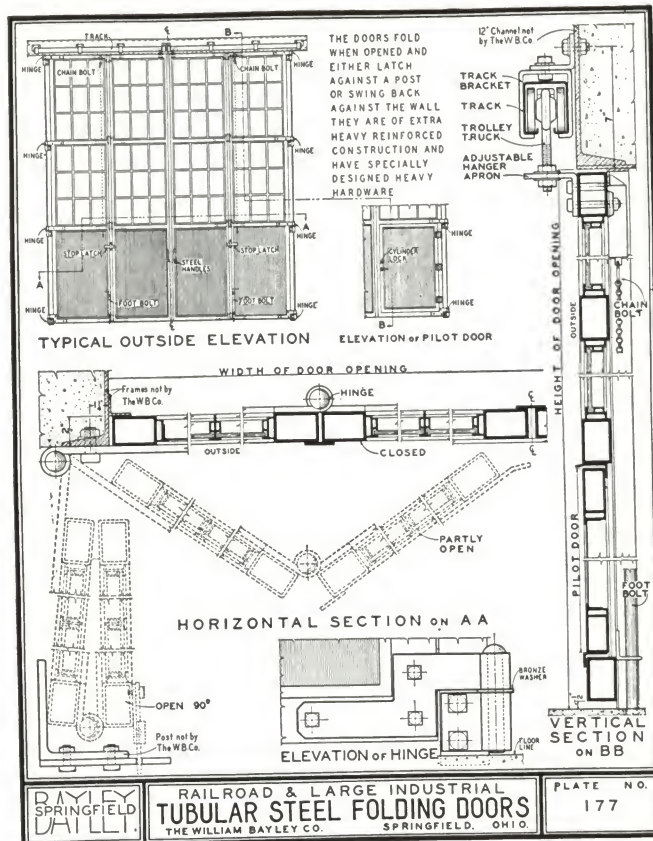
BAYLEY STEEL DOORS with or without frames are made to lift, hinge, slide overhead or on floor tracks, and to fold vertically and horizontally. Tubular doors shown on this page have rectangular welded tubes to withstand roughest treatment and are for round house, hangars, and other large openings.

Tubular doors have mitered welded corners and corner re-enforcing welded inside the tubes which surround a filling panel to carry plate below and arranged for glazing above. These panels are 1½ in. deep with special channel frames welded to tubes. Hardware such as hinges and sliding or lifting equipment is of the most substantial kind designed for service without trouble and for permanency. Locks of non-corrosive metal by BAYLEY are reliable for heavy duty and have an exclusive design.

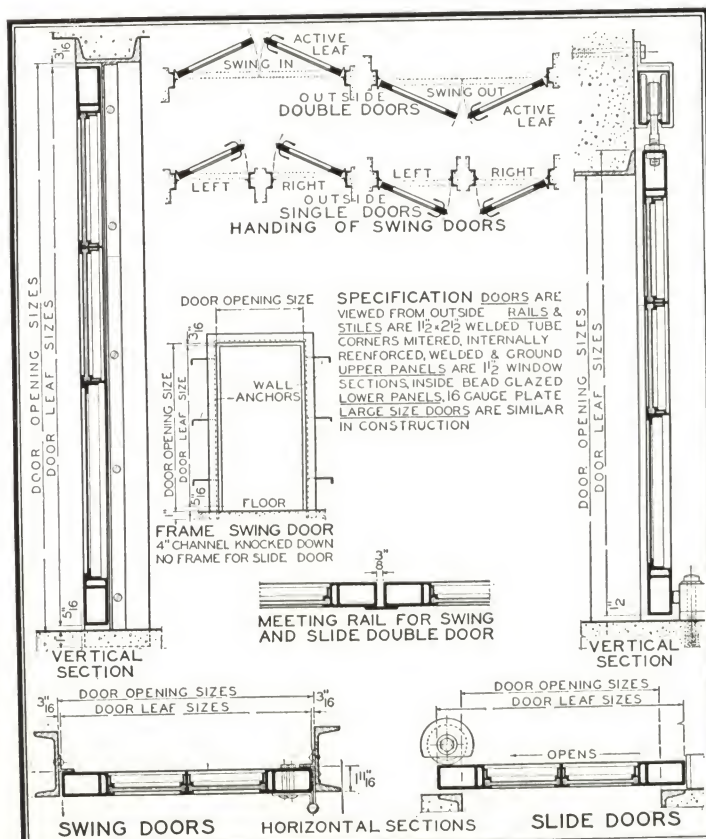
Hinged Door and Frame



Hinged Door Brass Hinged Door Steel Sliding Door Brass Sliding Door Steel
Cylinder Lock Y 2 Latch Y 14 Cylinder Lock Y 17 Latch Y 13



BAYLEY also manufactures Utility Doors for inside use Industrial Doors {Page 18}, and large doors of Structural Steel to special specifications.



SECTIONS & DETAILS
HEAVY INDUSTRIAL DOORS
THE WILLIAM BAYLEY CO. SPRINGFIELD, OH

PLATE NO.
180
SCALE NONE

SWING AND SLIDE DOORS SLIDE SCHEDULE

SINGLE DOORS					DOUBLE DOORS					DOOR LEAF SIZES					GLASS SIZES				
TYPE		OPENING SIZES		SLIDE	TYPE		OPENING SIZES		SLIDE	WI		HI		WI	HI	WI		HI	
		WI	HI				WI	HI		WI	HI	WI	HI	WI	HI	WI	HI	WI	HI
2670	2670	2'-6"	7'-0"	2'-3"	6'-10 ¹ / ₂ "	5070	5'-0"	7'-0"	4'-9"	6'-10 ¹ / ₂ "	2'-5 ⁵ / ₈ "	6'-11 ¹ / ₂ "	11 ⁵ / ₈ "	21 ¹ / ₈ "					
3070	3070	3'-0"	"	2'-9"	"	6070	6'-0"	"	5'-9"	"	2'-11 ⁵ / ₈ "	"	14 ⁵ / ₈ "	"					
3670	3670	3'-6"	"	3'-3"	"	7070	7'-0"	"	6'-9"	"	3'-5 ⁵ / ₈ "	"	11 ⁵ / ₈ "	"					
4070	4070	4'-0"	"	3'-9"	"	8070	8'-0"	"	7'-9"	"	3'-11 ⁵ / ₈ "	"	13 ⁵ / ₈ "	"					
5070	5070	5'-0"	"	4'-9"	"	10070	10'-0"	"	9'-9"	"	4'-11 ⁵ / ₈ "	"	13 ¹ / ₈ "	"					
2676	2676	2'-6"	7'-6"	2'-3"	7'-4 ¹ / ₂ "	5076	5'-0"	7'-6"	4'-9"	7'-4 ¹ / ₂ "	2'-5 ⁵ / ₈ "	7'-5 ¹ / ₂ "	11 ⁵ / ₈ "	24 ¹ / ₈ "					
3076	3076	3'-0"	"	2'-9"	"	6076	6'-0"	"	5'-9"	"	2'-11 ⁵ / ₈ "	"	14 ⁵ / ₈ "	"					
3676	3676	3'-6"	"	3'-3"	"	7076	7'-0"	"	6'-9"	"	3'-5 ⁵ / ₈ "	"	11 ⁵ / ₈ "	"					
4076	4076	4'-0"	"	3'-9"	"	8076	8'-0"	"	7'-9"	"	3'-11 ⁵ / ₈ "	"	13 ⁵ / ₈ "	"					
5076	5076	5'-0"	"	4'-9"	"	10076	10'-0"	"	9'-9"	"	4'-11 ⁵ / ₈ "	"	13 ¹ / ₈ "	"					
2680	2680	2'-6"	8'-0"	2'-3"	7'-10 ¹ / ₂ "	5080	5'-0"	8'-0"	4'-9"	7'-10 ¹ / ₂ "	2'-5 ⁵ / ₈ "	7'-11 ¹ / ₂ "	11 ⁵ / ₈ "	21 ¹ / ₈ "					
3080	3080	3'-0"	"	2'-9"	"	6080	6'-0"	"	5'-9"	"	2'-11 ⁵ / ₈ "	"	14 ⁵ / ₈ "	"					
3680	3680	3'-6"	"	3'-3"	"	7080	7'-0"	"	6'-9"	"	3'-5 ⁵ / ₈ "	"	11 ⁵ / ₈ "	"					
4080	4080	4'-0"	"	3'-9"	"	8080	8'-0"	"	7'-9"	"	3'-11 ⁵ / ₈ "	"	13 ⁵ / ₈ "	"					
5080	5080	5'-0"	"	4'-9"	"	10080	10'-0"	"	9'-9"	"	4'-11 ⁵ / ₈ "	"	13 ¹ / ₈ "	"					
26100	26100	2'-6"	10'-0"	2'-3"	9'-10 ¹ / ₂ "	50100	5'-0"	10'-0"	4'-9"	9'-10 ¹ / ₂ "	2'-5 ⁵ / ₈ "	9'-11 ¹ / ₂ "	11 ⁵ / ₈ "	22"					
30100	30100	3'-0"	"	2'-9"	"	60100	6'-0"	"	5'-9"	"	2'-11 ⁵ / ₈ "	"	14 ⁵ / ₈ "	"					
36100	36100	3'-6"	"	3'-3"	"	70100	7'-0"	"	6'-9"	"	3'-5 ⁵ / ₈ "	"	11 ⁵ / ₈ "	"					
40100	40100	4'-0"	"	3'-9"	"	80100	8'-0"	"	7'-9"	"	3'-11 ⁵ / ₈ "	"	13 ⁵ / ₈ "	"					
50100	50100	5'-0"	"	4'-9"	"	100100	10'-0"	"	9'-9"	"	4'-11 ⁵ / ₈ "	"	13 ¹ / ₈ "	"					

2670 3070
2676 3076
2680 3080

5070 6070
5076 6076
5080 6080

3670 4070
3676 4076
3680 4080

7070 8070
7076 8076
7080 8080

5070
5076
5080

10070
10076
10080

26100
30100

50100
60100

36100
40100

70100
80100

50100

100100

BAYLEY

LAYOUTS & SIZES
HEAVY INDUSTRIAL DOORS
THE WILLIAM BAYLEY CO. SPRINGFIELD, OHIO

PLATE NO. 179
SCALE NON

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PRESERVATION
TECHNOLOGY,
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Complete specifications and full size details of the products shown in this Catalog are available; also separate catalogs on mechanical operators for windows and airplane hangar doors.

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